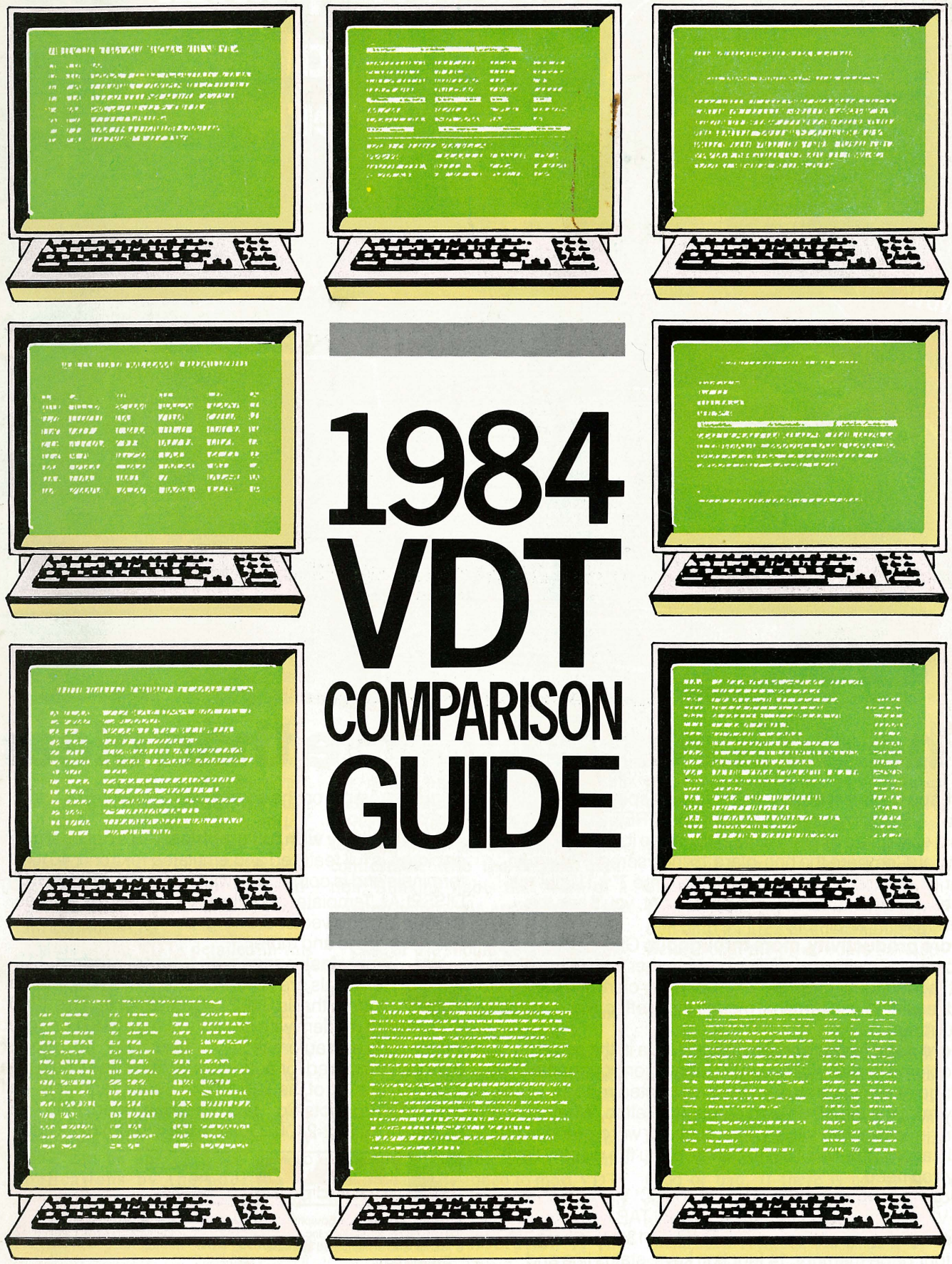
COMPUTER
Decisions



1984 VDT COMPARISON GUIDE

Compare TAB's 132 column, 15 inch terminal with any other smart terminal.

The difference is more than clear!

"Perhaps the finest quality 132 column display on the market today..." See for yourself. Send for your FREE unretouched, actual size photo of the TAB 132/15. Place it by any other terminal. Compare the non-glare 15 inch screen, the crisp, clear 132 characters per line with the large 7" x 11" dot matrix resolution. Even with just a photo print, you'll see the difference . . . and more!

More productivity, more throughput. Give people a better tool and they'll produce more—whether they're the president, accountant, engineer or order entry clerk. An easier to read, easier to use terminal means more effective, error free throughput.

More data, larger screen. Display data in the same 132 column format you're used to seeing on your printer. Reduce or eliminate slow, expensive printed reports. Break away from the old 80 column display limitation. Whether you're involved with inquiry, interactive or word processing applications, the TAB 132/15 can give you the display flexibility you need.

More than compatible. ANSI and DEC[1] VT52[1], VT100[1] and VT132[1] compatibility, plus a special TAB mode for even more capabilities. All standard. The TAB 132/15 also gives you four page memory, 14 function keys, status line and English prompts on the screen. With options like printer port and current loop.

More capability with full graphics. TAB's optional graphics package is full featured and emulates Tektronix 4010[2] terminals and is compatible with PLOT IO[2], TELLAGRAF[3], DISSPLA[3], Template[4] and Plot Pak[5] software. Features include arc and vector drawing, point plotting, area fill, selective erase and more.

More desk space with internal modem. TAB terminals are now available with a new Internal Modem that is Bell 212A compatible. This 1200/300 Baud modem with memory is keyboard controlled to initiate calls and automatically answer calls. Ten phone numbers can be stored for auto-dialing. For a free photo print or a demonstration of the TAB 132/15 Series Terminals, call or write TAB Products Co., 1400 Page Mill Road, Palo Alto, CA 94304, (415) 852-2400. Outside Calif. (800) 672-3109.

TAB PRODUCTS CO

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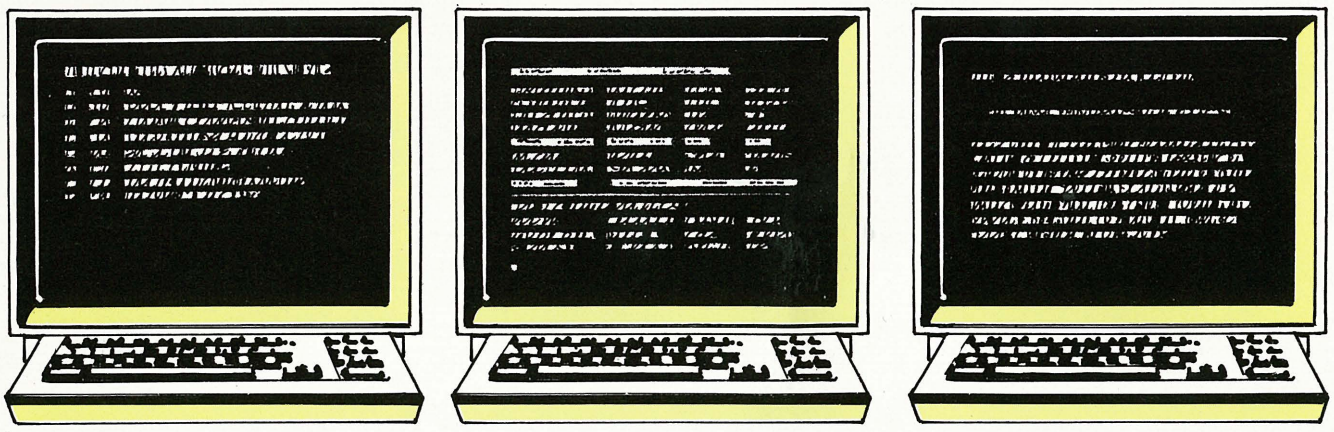
CIRCLE 150



VDT COMPARISON GUIDE

We are using the term VDT (visual-display terminal) in the title of our guide because we can see the day when the word "visual" won't mean just cathode-ray tube (crt). Many of today's portable terminals and portable computers that can also function as terminals are already free of the heavy, cumbersome crt. Most of these devices use liquid-crystal displays (LCDs). Others have gas-discharge displays.

This does not mean that it's time to bid farewell to the crt. Various experts and market researchers have been predicting its demise for years and years. (Pretty good for a technology that is more than a half century old.) But the crt still offers powerful advantages over its rivals, such as the ability to display color and store information. In addition, the crt has a much broader viewing angle than the LCD. (The narrow viewing angle of the LCD can be an advantage when a user wants to maintain confidentiality.)

Most of the VDTs detailed in this pullout guide are crts. Beyond that criterion, there are a number of category listings that will help you decide which VDTs to consider for a specific alphanumeric application. (This guide is limited to alphanumeric terminals. However, you should be aware that some of the more popular machines, such as those made by DEC, can be upgraded for graphic applications by the addition of printed-circuit boards available from several vendors.)

Due to the great and enduring popularity of IBM's 3270 line of VDTs, there are many "plug-compatible" replacements for the more costly machines from Big Blue. However, cost should not be the only criterion in choosing a substitute for IBM's products. For example, some of the replacements offer smaller "footprints," thereby saving desk space.

The 3270 terminals are not the only line that may be emulated. There are some VDTs that can emulate both the 3270 line and DEC's popular terminals, by the turn of a switch or depression of a button.

Ergonomic features are worth considering, especially if the terminals will be used by the same employees for many hours each day. Such features include the ability to tilt or swivel the display portion of the terminal when the user becomes uncomfortable with the original position. Blinking lights that warn of a misstep before data are destroyed are also helpful.

Ease of use should be a major consideration in selecting a VDT. Such a terminal would include the ability to insert or delete characters or lines without a convoluted procedure.

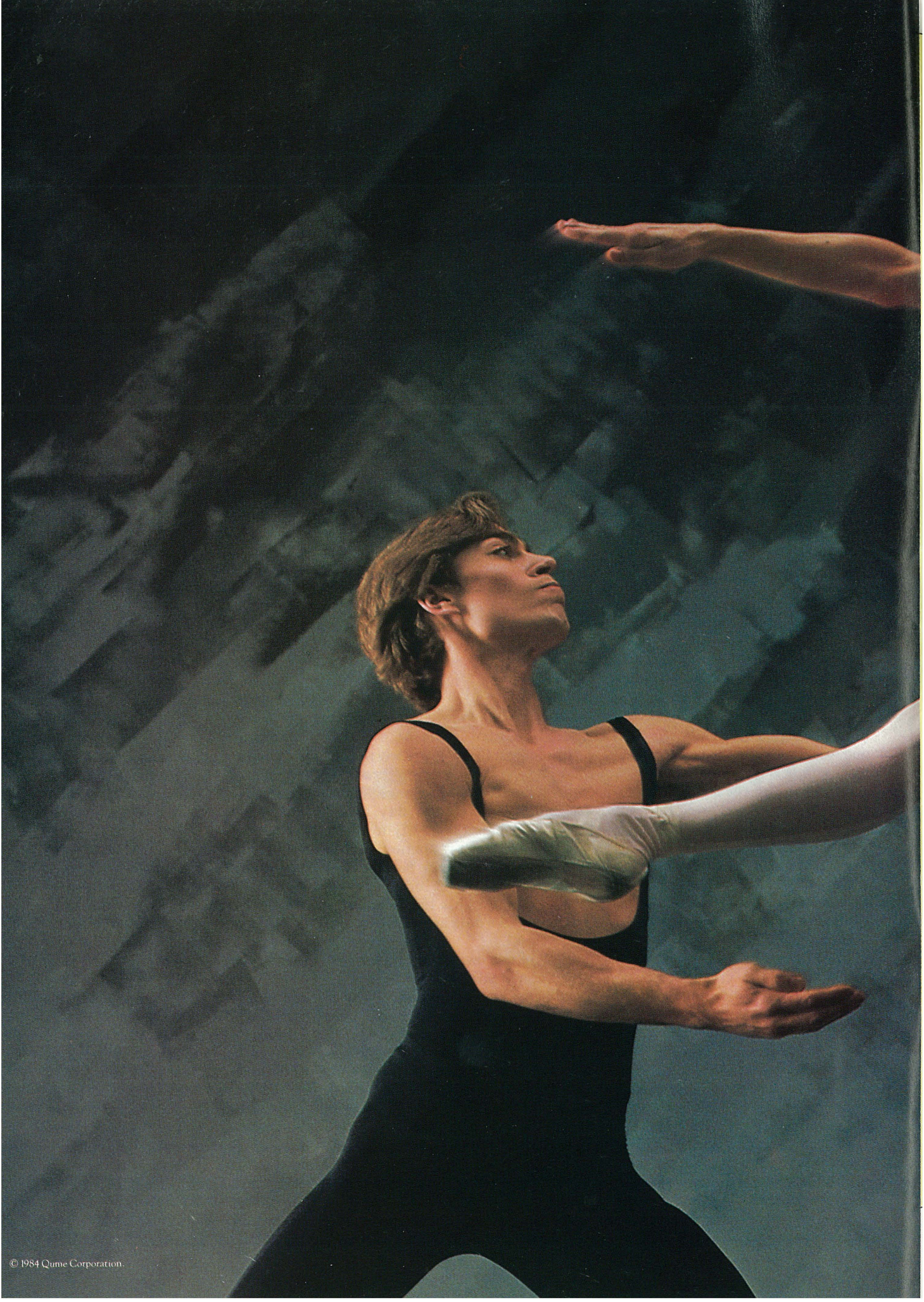
If you are planning to use the terminal in a dialup mode, you will need a modem. Some terminals come with built-in modems, which means savings in total costs and in valuable desk acreage. In the future, modems will probably be added to most VDTs in the form of a single integrated circuit.

Another consideration is the amount of power consumed by the machine. If you need to place a large number of machines in a single room, too much power may be generated. In this case, a strong air conditioning system will be necessary to ease the discomfort of the operators. And if the machines consume more power than the wiring can deliver, you will have to spend a lot of money on new power lines.

Cost, perhaps the most important selection factor, has not been included in this guide. This is due to the fact that prices change so frequently that any prices we did list might be out of date by publication. The sale of VDTs is a highly competitive business, especially now that many vendors import products manufactured overseas.

In past years, the VDT guide was presented in the form of a wall chart. We found that, as more vendors offered VDTs, we had to squeeze an ever-increasing amount of information onto an area of unchanging size. Before long, the print would have become so small that we would have had to offer a magnifying glass with each chart.

Since this is the first year the guide is in pullout-booklet form, we may have overlooked some of your needs. Please let us know how the guide might be improved. You can use the reader-service card at the back of this issue to present your comments—good or bad. If there is not enough room on the face of the card, drop us a note at 10 Mulholland Drive, Hasbrouck Heights, NJ 07604.



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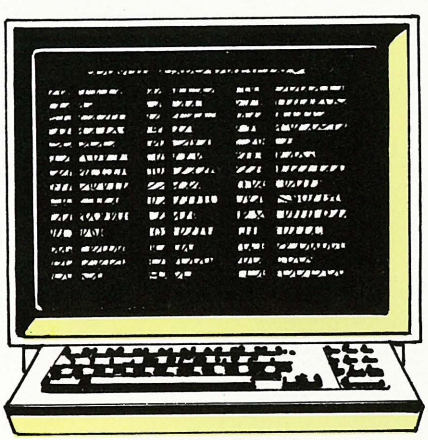
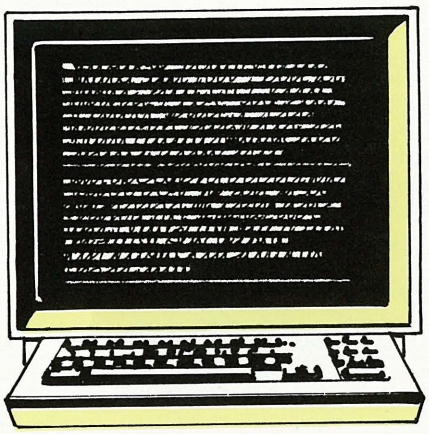
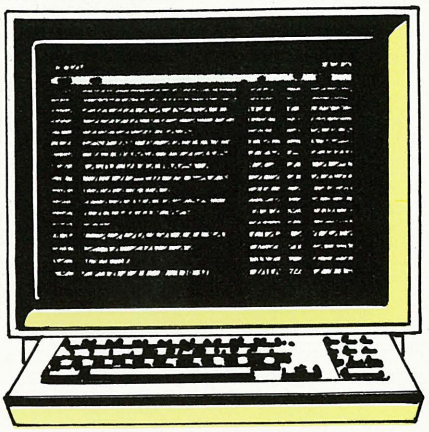
CIRCLE 151







KEY

General abbreviations

* = IBM Plug-compatible; **A** = Amps; **Add'l.** = Additional; **Buff.** = Buffered; **Charac.** = Character(s); **Cont.** = Contrast; **Equiv.** = Equivalent; **Ext.** = Extension; **Flds.** = Fields; **Gen.** = Generates; **Horiz.** = Horizontal; **LD** = Line Drawing; **Lp.** = Loop; **MP** = Modem Port; **N/A** = Not Applicable; **Not Avail.** = Not Available; **No.** = Number; **Opt.** = Optional; **PP** = Printer Port; **Prog.** = Program; **Rev.** = Reverse; **Sm.** = Smooth; **Stand.** = Standard; **Trans.** = Transmission; **TTY** = Teletype; **Unltd.** = Unlimited; **Unprotect.** = Unprotected; **Vert.** = Vertical; **W** = Watts.

Individual specifications

2. Displayable Character Set: **U** = Upper Case Only; **UL** = Upper and Lower Case; **LWD** = Lower Case with Descenders.

3. Display Format: Column x Line.

4. Character Format: Indicates Dot Matrix Across X Down; **DW/H** = double wide, high characters.

11. Cursor Style: **B** = Block; **UL** = Underlining; **BL** = Blinking.

18. Paging: Number of Pages.

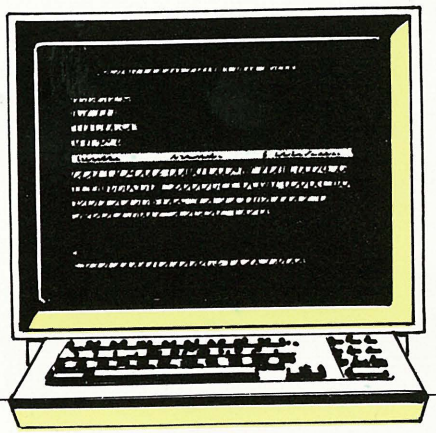
21. Display Color: **GR** = Green; **WH** = White; **AM** = Amber; **O** = Other.

22. Size of Screen: Diagonal measurement in inches.

28. Layout: **TYP** = Typewriter; **TTY** = Teletype; **IBM** = 3278; **O** = Other.

30. Numeric Cluster Pad: Number of Keys.

33. General Function Keys: Number and Type: **A** = Alternate-Use Keys; **K** = Specific Precoded Keys; **P** = Programmable.



35. Character Repeat: **K** = Separate Key; **A** = Automatic, Typmatic.

39. Clear: **S** = Screen; **EL** = To End of Line; **ES** = To End of Screen; **UP** = Unprotected Only.

42. Tab to Unprotected Fields: **F** = Forward; **B** = Backward; **A** = Automatic.

43. Tabbing: Number of Column Tab Positions.

44. Key Rollover: Number.

48. Transmission Rate, Baud: Minimum/Maximum.

50. Block Transfer: **L** = Line; **P** = Page; **MSG** = Message; **UN** = Unprotected Only.

53. Polling, Addressing: Protocol: **B** = Burroughs; **I** = IBM; **U** = Univac; **O** = Others.

59. Status Indicators: How Many.

64. Maximum Power: In Watts or Amps.

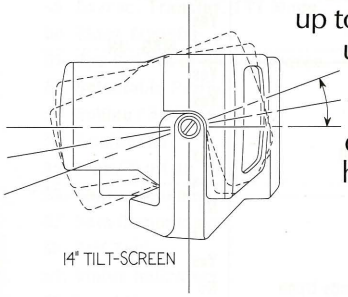
The TeleVideo® 970. Nothing tops it for performance and design.

The TeleVideo® 970. The world's most advanced ANSI video display terminal.

It's equipped with the ANSI X3.64 standard so nothing can top its communications capability. And clear ergonomic superiority means nothing can top the 970 for user comfort and enhanced productivity.

Unsurpassed Ergonomics

The 14-inch, non-glare screen tilts at a touch and displays up to 132 columns by 24 lines. There are double high, double wide characters and an excellent selection of visual and graphic attributes. For an almost endless array of displays and forms.



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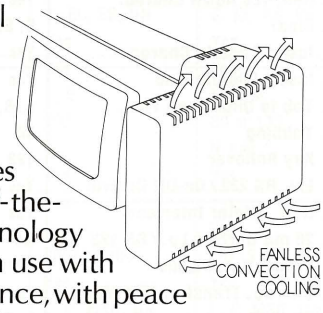
The 970 is compatible with the DEC VT-100/52,® but offers more of the kind of power you'd expect to find at the top. Power that emanates from ANSI— the universal language of data management equipment.

Power that is more effectively directed by 16/32 programmable, non-volatile function keys, logical attributes, a 256 character downloadable soft font, and an optional Tektronix 4010/4014 graphics board.

This is the one terminal TeleVideo — and every other manufacturer — can't top. Get a demonstration from one of our regional offices today.



The 970 promises state-of-the-art technology you can use with confidence, with peace of mind.

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Georgia/Atlanta	(404) 447-1231	New York/New York	(516) 496-4777	Northern Europe	(44) 9-905-6464		

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CIRCLE 152

Manufacturer Model number	A.B. Dick VC-0010	A.B. Dick VM-0010	Ampex Ampex 4100*	Ampex Ampex 4000*	Anderson-Jacobson AJ 520	Ann Arbor Terminals Ambassador
1. No. of Display Charac.	256	256	128-Stand., 256-Opt.	128-Stand., 256-Opt.	128	128
2. Displayable Charac. Set	UL, LWD	UL, LWD	LWD	LWD	U, UL, LWD	UL, LWD
3. Display Format	80x28	80x28	80x25	80x25	80x24 or 24x80	80x18/60
4. Charac. Format	9x12	9x12	7x9	7x9	7x10, 10x12	7x9
5. Rev. Video-Screen Format	Yes	Yes	No	No	Yes	Yes
6. Dual Intensity	Yes	Yes	Yes	Yes-Plus 2 Add'l.	Yes	Yes
7. Protected Format	Yes	Yes	Yes	Yes	No	Yes
8. Rev. Video Fields	Yes	Yes	Yes	Yes	Yes	Yes
9. Blinking	Yes	Yes	Yes	Yes	Yes	Yes
10. Charac. Underlining	Yes	Yes	Yes	Yes	Yes	Yes
11. Cursor Style	UL, BL	UL, BL	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	Yes	Yes	Yes	Yes	No/Yes	Yes
14. Full Vector Graphics	Yes	No	No	No	No	Opt.
15. Status Line	Yes	Yes	Yes	Yes	Yes	Yes
16. Security Blank Field	Yes	Yes	Yes	Yes	No	Yes
17. Display of Control Charac. / Prog. Mode	Yes	Yes	Yes	Yes	Yes	Yes
18. Paging	N/A	N/A	8	8	6	2
19. Split-screen Format	Yes	Yes	No	No	No	Yes
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	GR, WH, AM, O	GR, WH, AM, O	GR	GR	GR, AM	GR
22. Size of Screen	15	15	12	12	15	15
23. Sm. Vert. Scroll / Horiz. Scroll	No	No	No	No	Yes	No
24. Bright Controls / Cont.	Yes	Yes	No/Yes	No/Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	No/Yes	No/Yes	No	No	Yes	No/Opt.
27. ANSI x 3.64 Standard	N/A	N/A	N/A	N/A	Yes	Yes
28. Layout	TYP	TYP	TYP	TYP	Detached TYP	TYP
29. No. of Keys	90	90	101	101	N/A	94
30. Numeric Cluster Pad	14	14	14	14	18	12
31. Cursor-Control Keys	Yes	Yes	5	5	Yes	Yes
32. Detachable Keyboard	Yes	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	A=90, K=12, P=78	A=90, K=12, P=78	A=18, K=11, P=100	A=18, K=11, P=100	P=24	P=38
34. Shift Rev. / Alpha Lock	Yes	Yes	Yes	Yes	Yes	Yes
35. Charac. Repeat	A	A	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	Yes	Yes	Yes
39. Clear	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	No	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes	No	Yes
42. Tab to Unprotect. Flds.	F, B, A	F, B, A	F, B, A	F, B, A	No	F, B, A
43. Tabbing	80	80	80	80	Programmable	80
44. Key Rollover	128	128	N	N	N	N
45. Ext. RS 232 / On-Off Control	Yes	Yes	Yes	Yes	Yes	Yes
46. Buff. Printer Interface	Yes	Yes	Yes	Yes	Yes	Yes
47. 20 mA Current Lp. / RS 422	No	No	No	No	No	Yes
48. Trans. Rate / Baud	50/19.2k	50/19.2k	300/19,200	300/19,200	50/19.2	110/19.2K
49. Charac. Transfer, TTY Mode	Yes	Yes	Yes	Yes	No	Yes
50. Block Transfer	L, P, UN	L, P, UN	L, P, UN	L, P, UN	UN	L, P, MSG, UN
51. Cpu Control of Block / Charac.	Yes	Yes	Yes	Yes	N/A	Yes
52. Selectable Parity	Yes	Yes	Yes	Yes	Yes	Yes
53. Polling / Addressing	I	I	B, I, U, O	B, I, U, O	O	No
54. Emulations	Yes	Yes	Yes	Yes	VT100	Yes
55. X-on / X-off on MP / PP	Yes	Yes	Yes	Yes	Yes	Yes
56. Built-in Modem	No	No	No	No	No	No
57. Data Compression	Yes	Yes	No	No	No	Yes
58. Self Test	Yes	Yes	Yes	Yes	Yes	Yes
59. Status Indicators	80	80	N/A	N/A	Depends Upon Operating Mode	No
60. Local Mode	Yes	Yes	Yes	Yes	No	Yes
61. Audible Alarm	Yes	Yes	Yes	Yes	Yes	Yes
62. Composite Video Output	No	No	No	No	Yes	No
63. Screen Tilt / Swivel	Yes	Yes	No	No	No	Opt.
64. Maximum Power	550	550	90	90	115/230	35

Manufacturer Model number	Ann Arbor Terminals Guru	Applied Digital Data Syst. Viewpoint	Applied Digital Data Syst. Viewpoint/Color	AT & T Teletype 5 410	AT & T Teletype 5 420	Beehive Int'l. ATL-008
1. No. of Display Charac.	128	1,920	1,920	224	224	1,920, 3,169
2. Displayable Charac. Set	UL, LWD	U, UL, LWD	U, UL, LWD	U, LWD	U, LWD	UL, LWD
3. Display Format	60/160x18/66	24x80	24x80	80/137x24	80/132x24	80x24, 137x27
4. Charac. Format	7x9 DW/H	5x7	5x8	7x9, 5x7	7x9, 5x7	7x9, 9x13
5. Rev. Video-Screen Format	Yes	Yes	Yes	No	No	Yes
6. Dual Intensity	Yes	N/A	N/A	Yes	Yes	Yes
7. Protected Format	Yes	No	No	No	Yes	Yes
8. Rev. Video Fields	Yes	No	No	Yes	Yes	Yes
9. Blinking	Yes	Yes	Yes	Yes	Yes	Yes
10. Charac. Underlining	Yes	Yes	Yes	Yes	Yes	Yes
11. Cursor Style	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes/No	Yes	Yes
13. LD Set, Charac. Graphics	Yes	No	Yes	Yes	Yes	Yes
14. Full Vector Graphics	No	No	No	No	No	No
15. Status Line	Yes	No	No	Yes	Yes	Yes
16. Security Blank Field	No	No	No	Yes	Yes	Yes
17. Display of Control Charac. / Prog. Mode	Yes	No	Yes	Yes	Yes	N/A
18. Paging	10	No	2	3	3	12
19. Split-screen Format	Yes	No	No	Yes	Yes	No
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	GR	GR, WH	GR, WH, AM, O	GR, AM, WH	GR, AM, WH	GR
22. Size of Screen	15	12	13	12	12	14
23. Sm. Vert. Scroll / Horiz. Scroll	Yes	Yes	Yes	No	No	Yes
24. Bright Controls / Cont.	Yes	No	Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	No/Opt.	Yes	Yes	No	No	No/Yes
27. ANSI x 3.64 Standard	Yes	No	N/A	Yes	Yes	Yes
28. Layout	TYP	TYP, TTY	TYP, TTY	TYP	TYP	TYP
29. No. of Keys	94	N/A	N/A	89	89	94
30. Numeric Cluster Pad	12	N/A	N/A	12	12	14
31. Cursor-Control Keys	Yes	Yes	Yes	Yes	Yes	Yes
32. Detachable Keyboard	Yes	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	P=38	P=3	P=16	P=8	P=16	P=8
34. Shift Rev. / Alpha Lock	Yes	No	Yes	Yes	Yes	Yes
35. Charac. Repeat	A	A	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	Yes	Yes	Yes
39. Clear	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UN	S, EL, ES, UN	S, EL, ES, OP
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	Yes	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes	Yes	Yes
42. Tab to Unprotect. Flds.	F, B, A	F, B, A	F, B, A	No	F, B	F, B, A
43. Tabbing	170	No	N/A	16	132	80 or 132
44. Key Rollover	N	N/A	N Key	4	4	N Key
45. Ext. RS 232 / On-Off Control	Yes	Yes	Yes	Yes/No	Yes	Yes
46. Buff. Printer Interface	Yes	Yes	Yes	No	Yes	Yes
47. 20 mA Current Lp. / RS 422	Yes	No	Yes	No	Yes	Yes
48. Trans. Rate / Baud	110/19.2K	Up to 19,200	Up to 19.2	300/19,200	300/19,200	50/19.2
49. Charac. Transfer, TTY Mode	Yes	N/A	Yes	Yes	Yes	Yes
50. Block Transfer	L, P, MSG, UN	L, P, MSG, UN	L, P, MSG, UN	No	L, P, MSG, UN	L, P, MSG, UN
51. Cpu Control of Block / Charac.	Yes	N/A	N/A	No	Yes	Yes
52. Selectable Parity	Yes	N/A	N/A	Yes	Yes	Yes
53. Polling / Addressing	No	0	0	No	No	N/A
54. Emulations	Yes	Regent 2025	Regent 4060	Yes	Yes	Yes
55. X-on / X-off on MP / PP	Yes	Yes	Yes	Yes/No	Yes	Yes
56. Built-in Modem	No	No	No	Yes/Opt.	Yes/Opt.	No
57. Data Compression	Yes	No	N/A	No	No	No
58. Self Test	Yes	Yes	Yes	Yes	Yes	Yes
59. Status Indicators	No	N/A	N/A	2	9	9
60. Local Mode	Yes	Yes	N/A	Yes	Yes	Yes
61. Audible Alarm	Yes	No	No	Yes	Yes	Yes
62. Composite Video Output	No	N/A	Yes	No	No	No
63. Screen Tilt / Swivel	Opt.	Yes	Yes	Yes	No	Yes
64. Maximum Power	70	N/A	N/A	65	80	40

Manufacturer Model number	Beehive Int'l. ATL-004	Braegen 8522	Braegen 8524	Chromatics CX 1100	Chromatics CT 4100	CIE Terminals CIT-101
1. No. of Display Charac.	1,920/3,169	1,920, 3,564	1,920, 3,560, 3,440	1,920/3,840	1,920/3,840	128
2. Displayable Charac. Set	UL, LWD	UL, LWD	UL, LWD	U, UL, LWD	U, UL, LWD	UL, LWD
3. Display Format	80x24, 132x27	80x24, 132x27	80x24, 32, 43	80x48/24	80x48/24	132/80x24/12
4. Charac. Format	7x9, 9x13	N/A	N/A	8x16	8x16	8x10
5. Rev. Video-Screen Format	Yes	Yes	Yes	Yes	Yes	Yes
6. Dual Intensity	Yes	Yes	Yes	Yes	Yes	Yes
7. Protected Format	Yes	Yes	Yes	Yes	Yes	Yes
8. Rev. Video Fields	Yes	Yes	Yes	Yes	Yes	Yes
9. Blinking	Yes	Yes	Yes	Yes	Yes	Yes
10. Charac. Underlining	Yes	Yes	Yes	Yes	Yes	Yes
11. Cursor Style	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	Yes	N/A	N/A	Yes	Yes	Yes
14. Full Vector Graphics	No	No	No	No	No	No
15. Status Line	Yes	Yes	Yes	Yes	Yes	No
16. Security Blank Field	Yes	Yes	Yes	Yes	Yes	No
17. Display of Control Charac. / Prog. Mode	N/A	N/A	N/A	Yes	Yes	Yes
18. Paging	1	N/A	N/A	4	4	1
19. Split-screen Format	No	Opt.	Opt.	Yes	Yes	Yes
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	GR	GR	GR	GR, WH, O (8 total)	GR, WH, O (8 total)	GR, WH, AM
22. Size of Screen	14	15	15	19	13	12
23. Sm. Vert. Scroll / Horiz. Scroll	Yes	Yes/No	Yes/No	No	No	Yes
24. Bright Controls / Cont.	Yes	Yes	Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	N/A	Yes	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	No/Yes	Yes	Yes	Yes	Yes	Yes
27. ANSI x 3.64 Standard	No	Not Avail.	Not Avail.	Yes	Yes	Yes
28. Layout	TYP	TYP, IBM	TYP, IBM	0	0	TYP
29. No. of Keys	94	87	87	83	83	85
30. Numeric Cluster Pad	14	12	12	20	20	18
31. Cursor-Control Keys	Yes	Yes	Yes	Yes	Yes	Yes
32. Detachable Keyboard	Yes	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	P=8	P=24	P=24	A=20, K=24, P=18	A=20, K=24, P=18	K=48, A=19, P=19
34. Shift Rev. / Alpha Lock	Yes	Yes	Yes	Yes	Yes	Yes
35. Charac. Repeat	A	A	A	A	A	A, K
36. Escape Key or Equiv.	Yes	No	No	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	No	No	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	N/A	N/A	Yes	Yes	Yes
39. Clear	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	Yes	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes	Yes	Yes
42. Tab to Unprotect. Flds.	F, B, A	F, B, A	F, B, A	F, B, A	F, B, A	F, B, A
43. Tabbing	80 or 132	Not Avail.	Not Avail.	Unltd.	Unltd.	132
44. Key Rollover	N Key	Not Avail.	Not Avail.	Not Avail.	Not Avail.	2
45. Ext. RS 232 / On-Off Control	Yes	Yes	Yes	Yes	Yes	Yes
46. Buff. Printer Interface	Yes	Yes	Yes	No	No	Yes
47. 20 mA Current Lp. / RS 422	Yes	No	No	Yes	Yes	Yes/No
48. Trans. Rate / Baud	50/19.2	1.5 mg.	1.5 mg.	100/38.4	100/38.4	19,200
49. Charac. Transfer, TTY Mode	Yes	No	No	Yes	Yes	Yes
50. Block Transfer	L, P, MSG, UN	L, P, MSG, UN	L, P, MSG, UN	No	No	No
51. Cpu Control of Block / Charac.	Yes	Yes/No	Yes/No	No	No	No
52. Selectable Parity	Yes	No	No	Yes	Yes	Yes
53. Polling / Addressing	N/A	I	I	0	0	0
54. Emulations	Yes	Yes	Yes	Yes	Yes	Yes
55. X-on / X-off on MP / PP	Yes	Yes	Yes	Yes	Yes	Yes
56. Built-in Modem	No	No	No	No	No	No
57. Data Compression	No	N/A	N/A	No	No	No
58. Self Test	Yes	N/A	N/A	Yes	Yes	Yes
59. Status Indicators	9	Yes	Yes	6	6	7
60. Local Mode	Yes	Not Avail.	Not Avail.	Yes	Yes	Yes
61. Audible Alarm	Yes	N/A	N/A	Yes	Yes	Yes
62. Composite Video Output	No	Yes	Yes	Yes	Yes	No
63. Screen Tilt / Swivel	Yes	No	No	Yes	No	No
64. Maximum Power	60	Yes	Yes	150	150	90

Manufacturer Model number	CIE Terminals CIT-101e	C. Itoh Electronics CIE 7800	Computer Communications 8178	Datamedia Elite I, Model 60	Datamedia Elite I, Model 90	Datapoint Model 8220 Workstation
1. No. of Display Charac.	128	128	1,920	1,920 or 3,168	1,920 or 3,168	1,920
2. Displayable Charac. Set	UL, LWD	UL, LWD	U, UL, LWD	U, UL, LWD	U, UL, LWD	UL, LWD
3. Display Format	80/132x24	80x43, 32, 24, 12, or 132x27	24x80	24x80/132	24x80/132	80x24
4. Charac. Format	7x9	7x9	11x15	7x9	7x9	5x7
5. Rev. Video-Screen Format	Yes	Yes	Yes	Yes	Yes	Yes
6. Dual Intensity	Yes	Yes	Yes	Yes	Yes	Yes
7. Protected Format	No	Yes	Yes	Yes	No	Yes
8. Rev. Video Fields	Yes	Yes	Yes	Yes	Yes	Yes
9. Blinking	Yes	Yes	Yes	Yes	Yes	Yes
10. Charac. Underlining	Yes	Yes	No	Yes	Yes	Yes
11. Cursor Style	B, UL, BL	B, BL	B, UL, BL	UL, BL	B, BL	B, BL
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	Yes	Yes	N/A	Yes	Yes	No
14. Full Vector Graphics	No	No	N/A	No	No	No
15. Status Line	No	Yes	Yes	Yes	No	Yes
16. Security Blank Field	No	Yes	Yes	No	No	Yes
17. Display of Control Charac. / Prog. Mode	Yes	Yes	Yes	Yes	Yes	Yes
18. Paging	3	No	1	No	No	Yes
19. Split-screen Format	Yes	No	No	Yes	Yes	No
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	GR, WH, AM	GR, AM	GR	WH, GR & AM Opt.	WH, Opt. GR & AM	AM
22. Size of Screen	14	14	12	12	14	12
23. Sm. Vert. Scroll / Horiz. Scroll	Yes	Yes/No	N/A	Yes	Yes	Yes
24. Bright Controls / Cont.	Yes	Yes	Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	No/Yes	Yes	N/A	No	No	Yes
27. ANSI x 3.64 Standard	Yes	No	No	No	No	Yes
28. Layout	TYP	TYP	IBM	TYP	TYP	TYP
29. No. of Keys	85	87	87	N/A	N/A	65
30. Numeric Cluster Pad	18	13	12	19	19	11
31. Cursor-Control Keys	Yes	4	Yes	Yes	Yes	Yes
32. Detachable Keyboard	Yes	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	A=18, K=4, P=1	A=32	A=24	K=4, P=15	K=16	K=5, P=5
34. Shift Rev. / Alpha Lock	Yes	Yes	Yes	Yes	Yes	Yes
35. Charac. Repeat	K, A	A	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	N/A	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	N/A	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	N/A	Yes	Yes	Yes
39. Clear	S, EL, ES	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	Yes	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes	Yes	Yes
42. Tab to Unprotect. Flds.	F, B, A	F, B, A	F, B, A	F, B, A	F, B, A	F, B, A
43. Tabbing	132	Programmable	N/A	Programmable	Programmable	Variable
44. Key Rollover	2	N-Key	8	2 1/2	2 1/2	N-Key
45. Ext. RS 232 / On-Off Control	Yes	Yes	N/A	Yes	Yes	Yes
46. Buff. Printer Interface	Yes	Yes	Yes	Yes	Yes	Yes
47. 20 mA Current Lp. / RS 422	Yes/No	No	No/Yes	Opt.	Opt.	No
48. Trans. Rate / Baud	50/19,200	110/19.2	9,600/38,400	50/19.2	50/19.2	50/9600
49. Charac. Transfer, TTY Mode	Yes	No	No	N/A	N/A	Yes
50. Block Transfer	N/A	L, P, MSG, UN	P, UP	L, P, MSG, UN	L, P, MSG, UN	L
51. Cpu Control of Block / Charac.	N/A	Yes	Yes	No	No	Yes
52. Selectable Parity	Yes	Yes	No	Yes	Yes	Yes
53. Polling / Addressing	0	IBM	0	0	0	B, I, U
54. Emulations	Yes	Yes	Yes	Yes	N/A	Yes
55. X-on / X-off on MP / PP	Yes	No	No	N/A	No	Yes
56. Built-in Modem	No	No	No	No	No	No
57. Data Compression	No	No	No	N/A	N/A	No
58. Self Test	Yes	Yes	Yes	Yes	Yes	Yes
59. Status Indicators	7	N/A	N/A	7	7	1
60. Local Mode	Yes	Yes	No	Yes	Yes	Yes
61. Audible Alarm	Yes	Yes	Yes	Yes	Yes	Yes
62. Composite Video Output	No	No	No	Yes	Yes	No
63. Screen Tilt / Swivel	Yes	Yes	Yes	Yes	Yes	Opt.
64. Maximum Power	90	N/A	40	100	100	N/A

Manufacturer Model number	Davox Communications 811	Davox Communications 911	Delta Data D 2830-III	Dictaphone 6190 CRT	Direct 8310	Direct 8250
1. No. of Display Charac.	1,920	1,920, 2,000	19,200	1,980	1,920 or 3,168	1,920 or 3,168
2. Displayable Charac. Set	UL	UL	UL, LWD	U	LWD	LWD
3. Display Format	24x80	24x80	80x24	90x22	24x80/132	24x80, 132
4. Charac. Format	7x9	7x9	7x9	5x7	DH 10x12, 7x11x132 DW 6x12, 5x9x132	DH 10x12, 7x11x132 DW 6x12, 5x9x132
5. Rev. Video-Screen Format	Yes	Yes	Yes	Yes	Yes	Yes
6. Dual Intensity	Yes	Yes	Yes	Yes	Yes	Yes
7. Protected Format	Yes	Yes	Yes	Yes	Yes	Yes
8. Rev. Video Fields	Yes	Yes	Yes	Yes	Yes	Yes
9. Blinking	Yes	Yes	Yes	Yes	Yes	Yes
10. Charac. Underlining	Yes	Yes	Yes	Yes	Yes	Yes
11. Cursor Style	B, UL, BL	B, UL, BL	B, UL, BL	UL, BL	B, UL, BL	B, UL, BL
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	No	No	No	No	Yes	Yes
14. Full Vector Graphics	No	No	No	No	Opt.	Opt.
15. Status Line	Yes	Yes	Yes	Yes	Yes	Yes
16. Security Blank Field	Yes	Yes	Yes	No	Yes	Yes
17. Display of Control Charac. / Prog. Mode	Yes	Yes	Yes	No	Yes	Yes
18. Paging	2	2	10	No	12	12
19. Split-screen Format	No	No	No	No	Yes	Yes
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	GR, AM	GR, AM	GR	GR	GR	GR
22. Size of Screen	12	12	14	9	14	14
23. Sm. Vert. Scroll / Horiz. Scroll	Yes	Yes	No	No	Yes	Yes
24. Bright Controls / Cont.	Yes	Yes	Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	N/A	Yes	Yes
26. APL / Foreign Charac. Sets	No	No	No/Yes	No	Yes	Yes
27. ANSI x 3.64 Standard	3.41	Not Avail.	No	Yes	Yes	Yes
28. Layout	TYP, TTY, IBM, O	TYP, TTY, IBM, O	TYP	O	TYP	TYP
29. No. of Keys	99	99	96	91	96	96
30. Numeric Cluster Pad	12	12	13	13	14	14
31. Cursor-Control Keys	Yes	Yes	Yes	Yes	Yes	Yes
32. Detachable Keyboard	Yes	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	A=43, P=38	A=43, P=38	P=20	K=24	P=8 or 16	P=8 or 16
34. Shift Rev. / Alpha Lock	Yes	Yes	Yes	Yes	Yes	Yes
35. Charac. Repeat	A	A	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	No	N/A	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	Yes	Yes	Yes
39. Clear	S	S	S, EL, ES, UP	UP	S, EL, ES, UP	S, EL, ES, UP
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	Yes	Yes
41. Insert / Delete Line	Yes	Yes	Yes	No	Yes	Yes
42. Tab to Unprotect. Flds.	F, B	F, B	F, B	F, A	F, B	F, B
43. Tabbing	Yes	Yes	80	N/A	132	132
44. Key Rollover	N	N	N Key	No	N/A	N/A
45. Ext. RS 232 / On-Off Control	Yes	Yes	Yes	Yes	Yes	Yes
46. Buff. Printer Interface	Yes	Yes	Yes	Yes	Yes	Yes
47. 20 mA Current Lp. / RS 422	No	No	No	Yes/No	Yes	Yes
48. Trans. Rate / Baud	75/19.2 async to 56Kb	75/19.2 async. to 56Kb	110/19.2	N/A	300/19.2	300/19.2
49. Charac. Transfer, TTY Mode	Yes	Yes	Yes	N/A	Yes	Yes
50. Block Transfer	L, P, MSG, UN	L, P, MSG, UN	L, P, MSG, UN	N/A	L, P, UN	L, P, UN
51. Cpu Control of Block / Charac.	Yes	Yes	N/A	N/A	Yes	Yes
52. Selectable Parity	Yes	Yes	Yes	N/A	Yes	Yes
53. Polling / Addressing	I, O	I, O	B	N/A	No	No
54. Emulations	Yes	Yes	Yes	Yes	Yes	Yes
55. X-on / X-off on MP / PP	Yes	Yes	No	N/A	Yes	Yes
56. Built-in Modem	No	No	No	N/A	No	No
57. Data Compression	Yes	Yes	No	Yes	No	No
58. Self Test	Yes	Yes	Yes	Opt.	Yes	Yes
59. Status Indicators	Yes	Yes	2	No	4	No
60. Local Mode	Yes	Yes	Yes	Yes	Yes	Yes
61. Audible Alarm	Yes	Yes	Yes	Yes	Yes	Yes
62. Composite Video Output	No	No	Yes	Yes	No	No
63. Screen Tilt / Swivel	Yes	Yes	Yes	Yes	Yes	Yes
64. Maximum Power	60	60	N/A	70	N/A	N/A

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CIRCLE 153

Manufacturer Model number	Diversified Data Resources Hydra 78	Esprit Syst. Esprit III	Esprit Syst. ESP 6310	Falco Data Products FAME II	Falco Data Products TS 2624B	General Terminals SW 10
1. No. of Display Charac.	1,920	1,920	1,920	1,920	3,168	1,920
2. Displayable Charac. Set	UL	UL, LWD	UL, LWD	UL, LWD	UL, LWD	UL
3. Display Format	Not Avail.	80x24	80x24	80/132x24	80/132x24	80x24
4. Charac. Format	Not Avail.	7x11	7x11	8x12	8x12	5x9
5. Rev. Video-Screen Format	Yes	Yes	Yes	Yes	Yes	Yes
6. Dual Intensity	Yes	Yes	Yes	Yes	Yes	Yes
7. Protected Format	Yes	Yes	Yes	Yes	Yes	Yes
8. Rev. Video Fields	Yes	Yes	Yes	Yes	Yes	Yes
9. Blinking	Yes	Yes	Yes	Yes	Yes	No
10. Charac. Underlining	Not Avail.	Yes	Yes	Yes	Yes	No
11. Cursor Style	B, UL	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	No	Yes	Yes	Yes	Yes	Yes
14. Full Vector Graphics	No	No	No	Opt.	No	N/A
15. Status Line	Yes	Yes	Yes	Yes	Yes	Yes
16. Security Blank Field	Yes	Yes	Yes	Yes	Yes	No
17. Display of Control Charac. / Prog. Mode	Yes	Yes	Yes	Yes	Yes	Yes
18. Paging	No	4	4	Yes	4	No
19. Split-screen Format	No	Yes	No	Yes	No	No
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	GR, AM	GR	GR, AM	GR, AM	GR, AM	GR, AM, WH
22. Size of Screen	12, 14	12	14	14	12	12
23. Sm. Vert. Scroll / Horiz. Scroll	No	Sm.	Yes	Yes/No	Yes/No	Yes/No
24. Bright Controls / Cont.	Yes	Yes	Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	No	No	Yes
26. APL / Foreign Charac. Sets	No	Not Avail.	Not Avail.	No/Yes	No	No/Yes
27. ANSI x 3.64 Standard	No	No	No	Yes	No	Yes
28. Layout	IBM	TYP	TYP	TYP	TYP	TYP
29. No. of Keys	86	83	82	N/A	N/A	N/A
30. Numeric Cluster Pad	10	17	14	12	12	18
31. Cursor-Control Keys	Yes	Yes	Yes	Yes	Yes	Yes
32. Detachable Keyboard	Yes	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	A=1	P	P Nonvolatile	P=18	P=8	A=12
34. Shift Rev. / Alpha Lock	Yes	No/Yes	No/Yes	Yes	Yes	No
35. Charac. Repeat	K	A	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	Yes	Yes	Yes
39. Clear	S	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	Yes	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes	Yes	Yes
42. Tab to Unprotect. Flds.	F, B	F, B, A	F, B, A	F, B, A	F, B, A	F, B
43. Tabbing	No	80	80	Programmable	Programmable	80
44. Key Rollover	No	2	3	No	N	1
45. Ext. RS 232 / On-Off Control	Yes	Yes	Yes	Yes	Yes	Yes
46. Buff. Printer Interface	No	Yes	Yes	Yes	Yes	Yes
47. 20 mA Current Lp. / RS 422	Yes	Yes/No	Yes	Opt.	Opt.	Yes/No
48. Trans. Rate / Baud	300/19.2	50/19,200	50/19,200	50/19,200k	50/19,200k	50/19.2k
49. Charac. Transfer, TTY Mode	Yes/No	Yes	Yes	Yes	Yes	Yes
50. Block Transfer	L, P	L, P, UN, MSG	L, P, MSG, UN	L, P, MSG, UN	L, P, MSG, UN	No
51. Cpu Control of Block / Charac.	No	Yes	Yes	Yes	Yes	Yes
52. Selectable Parity	Yes	Yes	Yes	Yes	Yes	Yes
53. Polling / Addressing	0	No	No	0	0	No
54. Emulations	Not Avail.	Yes	Yes	Yes	Yes	Yes
55. X-on / X-off on MP / PP	Yes	Yes	Yes	Yes	Yes	Yes
56. Built-in Modem	No	No	No	Opt.	Opt.	No
57. Data Compression	No	Yes	Yes	Yes	Yes	No
58. Self Test	Yes	Yes	Yes	No	No	Yes
59. Status Indicators	No	15	13	N/A	N/A	27
60. Local Mode	Yes	Yes	Yes	No	No	Yes
61. Audible Alarm	Yes	Yes	Yes	Yes	Yes	Yes
62. Composite Video Output	Yes	Yes	No	Yes	No	No
63. Screen Tilt / Swivel	Yes	No	Yes	N/A	N/A	Yes/Opt.
64. Maximum Power	Not Avail.	40	48	55	55	110 or 220

Manufacturer Model number	General Terminals SW 80	GTE Communications Syst. XT300	Harris 1001	Harris 9178-02	Hewlett-Packard HP2382A	Hewlett-Packard HP2623A
1. No. of Display Charac.	1,920	128-64	2,160	1,920	1,920	1,920
2. Displayable Charac. Set	UL	UL, LWD	LWD	UL, LWD	UL, LWD	UL, LWD
3. Display Format	80x24	40/80x24	80x27	24x80	80x24	80x24
4. Charac. Format	5x9	10x12	7x9	9x14	9x15	9x15
5. Rev. Video-Screen Format	Yes	No	No	No	No	No
6. Dual Intensity	Yes	Yes	No	Yes	Yes	Yes
7. Protected Format	Yes	No	Yes	Yes	Yes	Yes
8. Rev. Video Fields	Yes	Yes	Yes	No	Yes	Yes
9. Blinking	Yes	Yes	Yes	Opt.	Yes	Yes
10. Charac. Underlining	Yes	Yes	Yes	Yes	Yes	Yes
11. Cursor Style	B, UL, BL	B	B	BL, UL, B	BL	BL
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	Yes	Yes	Yes	No	Opt.	Opt.
14. Full Vector Graphics	N/A	No	No	No	No	Yes
15. Status Line	Yes	Yes	Yes	Yes	No	No
16. Security Blank Field	Yes	Yes	Yes	Yes	No	No
17. Display of Control Charac. / Prog. Mode	Yes	Yes	No	No	Yes	Yes
18. Paging	3	1	No	No	2	2
19. Split-screen Format	No	No	Yes	No	No	No
20. Non-glare Screen	Yes	Yes	No	Yes	No	No
21. Display Color	GR, AM, WH	WH	GR	GR, AM	WH	GR, WH, AM
22. Size of Screen	12	9	12	12	9	12
23. Sm. Vert. Scroll / Horiz. Scroll	Yes	No	Yes	No	No	No
24. Bright Controls / Cont.	Yes	Yes	No/Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	No/Yes	No	Greek	Yes	Opt.	Opt.
27. ANSI x 3.64 Standard	Yes	Yes	Yes	No	Opt.	Opt.
28. Layout	TYP	TYP	TYP	IBM, TYP	TYP	TYP
29. No. of Keys	N/A	63	99	109, 108, 87, 75	100	100
30. Numeric Cluster Pad	18	No	14	12	14	14
31. Cursor-Control Keys	Yes	No	Yes	Yes	Yes	Yes
32. Detachable Keyboard	Yes	No	Yes	Yes	Yes	Yes
33. General Function Keys	A=24	P=4 plus 12 Memory Locators	K=11, P=15	A,K=24	P=8	P=8
34. Shift Rev. / Alpha Lock	No	No/Yes	Yes	Yes	N/A	N/A
35. Charac. Repeat	A	A	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	No	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	Yes	No	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	Yes	Yes	Yes
39. Clear	S, EL, ES	S, EL, ES, UP	S, EL, ES, UP	UP, S	S, EL, ES, UP	S, EL, ES
40. Insert / Delete Charac.	Yes	No	Yes	Yes	Yes	Yes
41. Insert / Delete Line	Yes	No	Yes	No	Yes	Yes
42. Tab to Unprotect. Flds.	F, B	No	F, B, A	F, B, A	F, B, A	F, B, A
43. Tabbing	80	No	80	N/A	80	80
44. Key Rollover	1	2	N Key	No	Unltd.	Unltd.
45. Ext. RS 232 / On-Off Control	Yes	Yes	Yes	No	No	No
46. Buff. Printer Interface	Yes	Yes	Yes	No	No	Yes
47. 20 mA Current Lp. / RS 422	Yes/No	No	No/Yes	No	No	Opt./Opt.
48. Trans. Rate / Baud	50/19.2k	300/480	50/19,200	Coaxial	110/9600	110-9600
49. Charac. Transfer, TTY Mode	Yes	Yes	Yes	No	Yes	Yes
50. Block Transfer	L, P	No	L, P, MSG, UN	No	L, P, UN	L, P, UN
51. Cpu Control of Block / Charac.	Yes	No	Yes	No	Yes	Yes
52. Selectable Parity	Yes	Yes	Yes	No	Yes	Yes
53. Polling / Addressing	No	No	I	I	No	No
54. Emulations	Yes	VT100	Yes	Yes	Opt.	Yes
55. X-on / X-off on MP / PP	Yes	Yes	Yes	No	N/A	N/A
56. Built-in Modem	Yes	Yes	No	No	No	No
57. Data Compression	No	Yes	Yes	No	No	No
58. Self Test	Yes	Yes	Yes	Yes	Yes	Yes
59. Status Indicators	25	Yes	1	Yes	5-10	5-10
60. Local Mode	Yes	Yes	Yes	Yes	Yes	Yes
61. Audible Alarm	Yes	No	Yes	Yes	Yes	Yes
62. Composite Video Output	Yes	No	No	No	No	Opt.
63. Screen Tilt / Swivel	Yes/Opt.	No	Yes	Yes/Opt.	Opt.	Opt.
64. Maximum Power	110 or 220	35	100	172	50-135	120-170

ADM 24E

Lear Siegler

Quality and Reliability You Trust. High Touch™ Style You'll Prefer.

This new generation of Lear Siegler video display terminals brings elegant High Touch™ style to our American Dream Machine (ADM™) tradition. The family features three new ergonomic terminals designed to meet the needs of OEMs and end users alike: the ADM 11, the ADM 12 and the ADM 24E.

Here is a whole new way for terminals to relate to people. Dozens of little touches add up to the convenience and comfort of High Touch.

For example, we put the power "on/off" switch and contrast control knob in front where they're easy to reach.

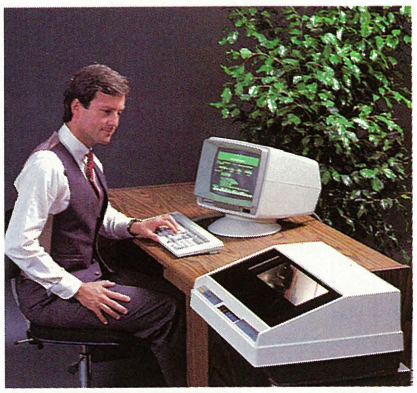
The monitor not only tilts and swivels, it stops positively in almost any position.

The clean, crisp display features a large character matrix on an easy-to-read green or amber non-glare screen – made even easier to read by the hooded bezel. Screens are available in 12″ or 14″ sizes.

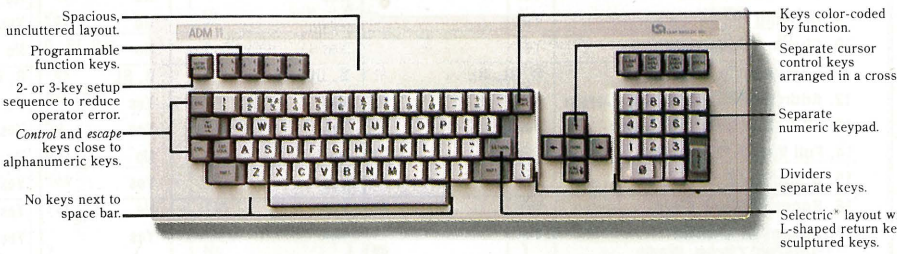
You get the best in style and ergonomics, plus all the outstanding performance features you'd expect from Lear Siegler (see chart).

Lear Siegler High Touch terminals are backed by the broadest network of full service centers anywhere, serving 3000 cities nationwide. And they're made in America – designed, engineered, manufactured and shipped from Anaheim, California to provide you with the best local support.

Place your order today by calling your local Authorized Distributor or, for quantities in excess of 500 units, your Regional OEM Sales Office.



Lear Siegler's new VersaPrint™ 500 Series printers combine with Lear Siegler video display terminals for hard copy output.



Low-profile, tapered, DIN-standard keyboards with Selectric layout feature logical key groupings and adjustable tilt for comfort and efficiency. ADM 11 shown above.

	ADM 11 Conversational	**ADM 12** Editing	**ADM 24E** Host Programmable
Programmable Function Keys	4 (Shiftable to 8)	16 (Shiftable to 32)	16 (Shiftable to 32)
Non-Volatile Function Keys	Optional	Standard	Standard
Function Key Legends on 25th Line	From Host	From Host	Standard Non-Volatile
No. of Pages of Display Memory	1	2	4
Display Memory Configurations (Plus 25th Message/Status Line)	24 Lines by 80 Characters	(2) 24 x 80 or (1) 48 x 80 or (1) 24 x 158	User Definable up to 96 x 80
Scrolling	Standard Scrolling	Smooth, Jump or Horizontal Scrolling Split Screen	Smooth or Jump Scroll Split Screen
Transmission Mode	Conversation Mode	Conversation or Block Mode	Conversation or Block Mode
Editing	Limited	Full Editing & Protected Fields	Full Editing & Protected Fields
Visual Attributes: Reduced Intensity, Blink, Blank and Reverse Video. Underline also on ADM 12 and ADM 24E	3 Embedded 1 Non-Embedded	4 Embedded, 1 Non-Embedded or All Non-Embedded, plus Full Screen Reverse Video	5 Embedded, 1 Non-Embedded or All Non-Embedded, plus Full Screen Reverse Video and Highlight
OEM Flexibility	Modifiable Set-Up Characteristics	Modifiable Set-Up Characteristics & Personality	Modifiable Set-Up Characteristics. Add to Program in ROM or Down-Line Load in RAM (56K ROM or RAM. Up to 22K Display Available) Room for additional Logic Boards.
Terminal Compatibility	ADM 3A, ADM 5. ADDS Viewpoint & Regent 25, Hazeltine 1400, 1420 & 1500, also available.	ADM 3A, ADM 5, ADM 31, ADM 32	ADM 3A, ADM 5, ADM 31, ADM, 32, ADM 42

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LEAR SIEGLER, INC.
DATA PRODUCTS DIVISION

901 E. Ball Road, Anaheim, CA 92805 (714) 774-1010

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CIRCLE 154

Manufacturer Model number	Human Designed Syst. Concept GVT+	Human Designed Syst. Concept AVT+	IBM 3101-10	IBM 3101-20	ICOT Model 700*—Opt.	ICOT Model 701*—Opt.
1. No. of Display Charac.	2,000	2,000	128	128	2,000	3,564
2. Displayable Charac. Set	UL, LWD	UL, LWD	U, LWD	U, LWD	UL, LWD	UL, LWD
3. Display Format	80x25	80x25	80x24	80x24	80x25	45x14, 64x16, 64x31, 80x13 80x25, 80x33 80x44, 132x28
4. Charac. Format	10x12	10x12	7x9	7x9	N/A	N/A
5. Rev. Video-Screen Format	Yes	Yes	Yes	Yes	Yes	Yes
6. Dual Intensity	Yes	Yes	Yes	Yes	Yes	Yes
7. Protected Format	Yes	Yes	No	Yes	Yes	Yes
8. Rev. Video Fields	Yes	Yes	No	No	Yes	Yes
9. Blinking	Yes	Yes	No	Yes	Yes	Yes
10. Charac. Underlining	Yes	Yes	No	No	Yes	Yes
11. Cursor Style	B, UL, BL	B, UL, BL	B, BL	B, BL	B, UL, BL	B, UL, BL
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	Yes	Yes	Yes	Yes	No	No
14. Full Vector Graphics	Yes	No	No	No	No	No
15. Status Line	Yes	Yes	Yes	Yes	Yes	Yes
16. Security Blank Field	Yes	Yes	No	Yes	Yes	Yes
17. Display of Control Charac. / Prog. Mode	Yes	Yes	Yes	Yes	No	No
18. Paging	4, 8	4, 8	No	No	No	No
19. Split-screen Format	Yes	Yes	No	Yes	No	No
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	GR, AM, WH	GR, AM, WH	GR	GR	GR	GR
22. Size of Screen	12	12	12	12	12	14
23. Sm. Vert. Scroll / Horiz. Scroll	No	No	No	No	Yes	Yes
24. Bright Controls / Cont.	Yes	Yes	Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	Yes	Yes	No	No	No	No
27. ANSI x 3.64 Standard	Yes	Yes	No	No	Yes	Yes
28. Layout	TYP	TYP	TYP	TYP	IBM	IBM
29. No. of Keys	101	101	87	87	87	87
30. Numeric Cluster Pad	12	12	Yes	Yes	12	12
31. Cursor-Control Keys	Yes	Yes	Yes	Yes	Yes	Yes
32. Detachable Keyboard	Yes	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	A=14, P=4,6	A=14, P=4,6	A=8	A=8	A=24, K=24, P=24	A=24, K=24, P=24
34. Shift Rev. / Alpha Lock	Yes	Yes	Yes	Yes	Yes	Yes
35. Charac. Repeat	A	A	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	Yes	No	No
39. Clear	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	Yes	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes	No	No
42. Tab to Unprotect. Flds.	F, B, A	F, B, A	No	F, B	F, B, A	F, B, A
43. Tabbing	80 or 132	80 or 132	80	80	Infinite	Infinite
44. Key Rollover	N-Key	N-Key	No	No	9	9
45. Ext. RS 232 / On-Off Control	Yes	Yes	Yes	Yes	N/A	N/A
46. Buff. Printer Interface	No	No	No	No	Yes	Yes
47. 20 mA Current Lp. / RS 422	Opt.	Opt.	Yes	Yes	Yes	Yes
48. Trans. Rate / Baud	50/9,600	50/9,600	110/9,600	110/9,600	75/19,200	75/19,200
49. Charac. Transfer, TTY Mode	Yes	Yes	Yes	Yes	N/A	N/A
50. Block Transfer	L, P, MSG, UN	L, P, MSG, UN	No	L, P, UN	No	No
51. Cpu Control of Block / Charac.	Yes	Yes	No	Yes	No	No
52. Selectable Parity	Yes	Yes	Yes	Yes	Yes	Yes
53. Polling / Addressing	No	No	No	No	No	No
54. Emulations	Yes	Yes	Yes	Yes	Yes	Yes
55. X-on / X-off on MP / PP	Yes	Yes	No	No	Yes	Yes
56. Built-in Modem	No	No	No	No	No	No
57. Data Compression	No	No	No	No	No	No
58. Self Test	Yes	Yes	Yes	Yes	Yes	Yes
59. Status Indicators	4	4	No	No	Programmable	Programmable
60. Local Mode	Yes	Yes	Yes	Yes	Yes	Yes
61. Audible Alarm	Yes	Yes	Yes	Yes	Yes	Yes
62. Composite Video Output	Opt.	Opt.	No	No	No	No
63. Screen Tilt / Swivel	Yes	Yes	Yes/No	Yes/No	No	No
64. Maximum Power	40	90/35	110/220	110/220	65	65

Manufacturer Model number	Informer 304	Informer 401	ITT Courier 1700-21/22	ITT Courier 2700-13	Lear Siegler ADM 11	Lear Siegler ADM 220
1. No. of Display Charac.	128	128	1,920	1,920	128	255
2. Displayable Charac. Set	U, LWD	U, LWD	UL	UL, LWD	U, LWD	U, LWD
3. Display Format	80x24, 64x16 40x13, 32x16	80x24	80x24	80x24	80x24	80/132x24
4. Charac. Format	7x9	7x9	7x8	7x9	7x10	7x10 or 5x9
5. Rev. Video-Screen Format	Yes	Yes	No	No	No	Yes
6. Dual Intensity	Yes	Yes	Yes	Yes	No	Yes
7. Protected Format	Yes	Yes	Yes	Yes	No	No
8. Rev. Video Fields	Yes	Yes	No	Yes	Yes	Yes
9. Blinking	Yes	Yes	Yes	Yes	Yes	Yes
10. Charac. Underlining	No	Yes	No	No	Yes	Yes
11. Cursor Style	B, BL Opt.	B, BL Opt.	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	No	Yes/Opt.	No	No	Yes	Yes
14. Full Vector Graphics	No	No	No	No	No	No
15. Status Line	No	No	Yes	Yes	Yes	Yes
16. Security Blank Field	Yes	Yes	Yes	Yes	Yes	No
17. Display of Control Charac. / Prog. Mode	Yes	Yes	Yes	Yes	Yes	Yes
18. Paging	1, 2, 4	2	No	Yes	1	1—Add'l. 3 Opt.
19. Split-screen Format	No	No	No	No	No	Yes
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	WH, GR Opt.	WH, GR Opt.	GR/AM	GR	GR, AM	GR, AM
22. Size of Screen	6, 9, 12	9	12	15	12 or 14	12 or 14
23. Sm. Vert. Scroll / Horiz. Scroll	No	No	No	No	No	Yes
24. Bright Controls / Cont.	Yes	Yes	Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes/No	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	No	No	No/Yes	Yes	Opt.	No/Yes
27. ANSI x 3.64 Standard	No	No	Yes	Yes	No	Yes
28. Layout	TYP	TYP	IBM	IBM, TYP	TYP	TYP
29. No. of Keys	96	73	92/111	111	85	105
30. Numeric Cluster Pad	12	N/A	18	12	14	14
31. Cursor-Control Keys	Yes	Yes	Yes	Yes	Yes	Yes
32. Detachable Keyboard	Yes-Opt.	No	Yes	Yes	Yes	Yes
33. General Function Keys	P=28	P=8	P, F=24	P,F=24	P=8—Add'l. 4 Opt.	K=21, P=30
34. Shift Rev. / Alpha Lock	No	No	Yes	Yes	Yes	Yes
35. Charac. Repeat	A	A	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	Yes	Yes	Yes
39. Clear	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES	S, EL, ES, UP
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	No	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes	No	Yes
42. Tab to Unprotect. Flds.	F, B, A	F, B, A	F, B, A	F, B, A	No	F, B
43. Tabbing	16	16	Yes	Yes	No	Programmable
44. Key Rollover	2	2	N Key	Yes	3	N-Key
45. Ext. RS 232 / On-Off Control	Yes	Yes	No	Yes	Yes	Yes
46. Buff. Printer Interface	Yes	Yes	Yes	Yes	Yes	Yes
47. 20 mA Current Lp. / RS 422	Yes	No	No	No	Yes-Opt.	Yes-Opt.
48. Trans. Rate / Baud	50/19.2k	50/19.2k	19.2Kb max.	19.2Kb	300/19,200	75/38,400
49. Charac. Transfer, TTY Mode	Yes	Yes	No	Yes	Yes	Yes
50. Block Transfer	L, P, UN	L, P, UN	P	P	N/A	N/A
51. Cpu Control of Block / Charac.	No	No	N/A	N/A	No	No
52. Selectable Parity	Yes	Yes	No	No	Yes	Yes
53. Polling / Addressing	0	No	0	I	No	No
54. Emulations	Yes	Yes	Yes	Yes	Yes	Yes
55. X-on / X-off on MP / PP	Yes	Yes	No	No	Yes/No	Yes
56. Built-in Modem	No	Yes	No	No	No	No
57. Data Compression	No	No	No	No	N/A	N/A
58. Self Test	No	No	Yes	Yes	Yes	Yes
59. Status Indicators	Yes	No	Yes	Yes	No	4
60. Local Mode	No	No	Yes	Yes	Yes	Yes
61. Audible Alarm	Yes	No	Yes	Yes	Yes	Yes
62. Composite Video Output	Yes	Yes	No	Yes	No	No
63. Screen Tilt / Swivel	Yes	Yes	Yes	No	Yes	Yes
64. Maximum Power	110/220	110/220	40	130	50	65

Manufacturer Model number	Lee Data 1216	Lee Data 1221	Liberty Electronics Freedom 110	Liberty Electronics Freedom 200	MDS Qantel 4032	MDS Qantel 4041
1. No. of Display Charac.	1,920	1,920, 2,560, 3,440, 3,564	128	128	1,728, 2,000	1,728, 2,000, 2,400
2. Displayable Charac. Set	U, UL, LWD	U, UL, LWD	U, LWD	U, LWD	UL, LWD	UL, LWD
3. Display Format	80x24	80x24, 132x27	80x24	80x24	27x64, 25x80	27x64, 25x80, 96x25
4. Charac. Format	7x9	7x9	7x9	7x9 DH/DW, SH/DW	7x9	7x9
5. Rev. Video-Screen Format	Yes	Yes	Yes	Yes	Yes	Yes
6. Dual Intensity	Yes	Yes	Yes	Yes	Yes	Yes
7. Protected Format	Yes	Yes	Yes	Yes	Yes	Yes
8. Rev. Video Fields	Yes	Yes	Yes	Yes	Yes	Yes
9. Blinking	Yes	Yes	Yes	Yes	Yes	Yes
10. Charac. Underlining	Yes	Yes	Yes	Yes	Yes	Yes
11. Cursor Style	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL	B, BL	B, BL
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes/No	Yes/No
13. LD Set, Charac. Graphics	Yes/No	Yes/No	15 Charac.	86 Charac.	No	No
14. Full Vector Graphics	No	No	No	No	No	No
15. Status Line	Yes	Yes	Yes	Yes	Yes	Yes
16. Security Blank Field	Yes	Yes	Yes	Yes	Yes	Yes
17. Display of Control Charac. / Prog. Mode	Yes	Yes	Yes	Yes	No	No
18. Paging	No	N/A	1	2, Opt. 4	1	1
19. Split-screen Format	No	Yes	No	Yes	No	No
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	GR	GR	GR, AM Opt.	GR, AM Opt.	GR	GR
22. Size of Screen	14	15	12	12	12	12
23. Sm. Vert. Scroll / Horiz. Scroll	No	No	No	4 Sm. Scroll Speeds	No	No
24. Bright Controls / Cont.	Yes	Yes	Yes/No	Yes/No	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	Yes	No	No
26. APL / Foreign Charac. Sets	Yes	Yes	No/Yes	No/Yes	No/Yes	No/Yes
27. ANSI x 3.64 Standard	Yes	Yes	No	No	Yes	Yes
28. Layout	TYP, TTY, IBM, O	TYP, TTY, IBM, O	TYP	TYP	TYP	TYP
29. No. of Keys	87	124 or 122	94	106	72	104
30. Numeric Cluster Pad	12	20	18	15	11	11
31. Cursor-Control Keys	Yes	Yes	Yes	Yes	No	Yes
32. Detachable Keyboard	Yes	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	A=12, K=12	K=24, P=24	P Nonvolatile	P Nonvolatile	K=2, P=2	P=5, K=29
34. Shift Rev. / Alpha Lock	No	Yes	Yes	Yes	Yes	Yes
35. Charac. Repeat	A	A	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	Yes	Yes	No	No
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	Yes	No	No
39. Clear	S, UP	S, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	Yes	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes	No	No
42. Tab to Unprotect. Flds.	F, B, A	F, B, A	F, B	F, B	F, B, A	F, B, A
43. Tabbing	Programmable	Programmable	80	80	Unltd.	Unltd.
44. Key Rollover	N Key	N Key	N Key	N Key	2	2
45. Ext. RS 232 / On-Off Control	No	No	Yes	Yes	Yes/No	Yes/No
46. Buff. Printer Interface	Yes	Yes	Yes	Yes	No	No
47. 20 mA Current Lp. / RS 422	N/A	N/A	Yes/No	Yes/No	No	No
48. Trans. Rate / Baud	2,000/19,200 300/9,600	2,000/19,200 300/9,600	110/19,200	50/19,200	300/19,200	300/19,200
49. Charac. Transfer, TTY Mode	Yes	Yes	N/A	N/A	No	No
50. Block Transfer	L, P, UN	L, P, UN	L, P, MSG, UN	L, P, MSG, UN	L, P, MSG, UN	L, P, MSG, UN
51. Cpu Control of Block / Charac.	Yes	Yes	Yes	Yes	Yes	Yes
52. Selectable Parity	Yes	Yes	Yes	Yes	No	No
53. Polling / Addressing	IBM	IBM	No	No	No	No
54. Emulations	Yes	Yes	Yes	Yes	No	Yes
55. X-on / X-off on MP / PP	Yes	Yes	Yes	Yes	Yes/No	Yes/No
56. Built-in Modem	No	No	No	No	No	No
57. Data Compression	Yes	Yes	No	No	Yes	Yes
58. Self Test	Yes	Yes	Yes	Yes	Yes	Yes
59. Status Indicators	Depends upon mode	Depends upon mode	1	2	No	No
60. Local Mode	Yes	Yes	No	No	No	No
61. Audible Alarm	Yes	Yes	Yes	Yes	Yes	Yes
62. Composite Video Output	Yes	Yes	Yes	Yes	No	No
63. Screen Tilt / Swivel	Yes	Yes	Yes	Yes	Yes	Yes
64. Maximum Power	90	90	70	70	N/A	N/A

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We'll tell you where to look. Inside the CIE-7800 and CIE-7850.

The 7800 terminal is plug compatible with the IBM 3178 and all five models of the 3278 series. That accounts for six IBMs.

Now, when you add in the CIE-7850, you also get 100% IBM PC compatibility. That makes seven.

Even more remarkable, the CIE-7800 costs less than any single one of those IBM terminals.

It's more compact, too. Over 40% smaller. But the screen is larger. By 36%.

The monitor tilts, rotates and weighs less than 20 pounds. Move it where you need it.

The detached keyboard has an 87-key IBM compatible layout. It can be user configured into any of 22 different U.S. and international keyboards.

The CIE-7800 is also available with concurrent alternate personalities that include DEC VT100,® IBM 3275/3276-2 (bisynch single station) and HP 2622, while still retaining IBM 3178/3278 compatibility.

And with the CIE-7850 plugged into the coax-A line, you have access to both online mainframe processing power and local IBM PC intelligence.

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CIRCLE 155

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Manufacturer Model number	Megadata 8188-3*	Megadata 8188-2	Memorex 2079*	Memorex 2051*	Micro-Term TWIST	Micro-Term ERGO-301
1. No. of Display Charac.	256	256	1,920, 2,560	1,920	256	256
2. Displayable Charac. Set	U, UL, LWD	U, UL, LWD	UL	N/A	U, UL, LWD	U, UL, LWD
3. Display Format	80x25 or 133x32	80x29 or 132x29	24x80, 32x80	24x80	80x25 80x72	25x80 25x132
4. Charac. Format	9x14	10x12	9x12	8x16 DM	20x16 7x10 DW/H	7x9 DW/H
5. Rev. Video-Screen Format	Yes	Yes	No	Yes	Yes	Yes
6. Dual Intensity	Yes	Yes	Yes	Yes	Yes	Yes
7. Protected Format	Yes	Yes	Yes	Yes	Yes	Yes
8. Rev. Video Fields	Yes	Yes	Yes	Yes	Yes	Yes
9. Blinking	Yes	Yes	Yes	Yes	Yes	Yes
10. Charac. Underlining	Yes	Yes	Yes	Yes	Yes	Yes
11. Cursor Style	B, UL, BL	B, UL, BL	B, UL, BL	B, UL	B, UL, BL	B, UL, B
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	Yes	Yes	Yes	No	Yes	Yes
14. Full Vector Graphics	Opt.	No	Yes	No	No	Yes/Opt.
15. Status Line	Yes	Yes	Yes	Yes	Yes	Yes
16. Security Blank Field	Yes	Yes	Yes	Yes	Yes	No
17. Display of Control Charac. / Prog. Mode	Yes	Yes	Yes	Yes	Yes	Yes
18. Paging	Depends upon operating mode	15	No	No	3	2
19. Split-screen Format	Yes	No	N/A	No	Yes	Yes
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	GR, AM, O	GR, AM, O	GR	AM, GR	AM, WH	GR, AM
22. Size of Screen	15	15	13	15	15	12
23. Sm. Vert. Scroll / Horiz. Scroll	Yes/No	Yes	N/A	Yes	Yes	Yes
24. Bright Controls / Cont.	Yes	Yes	Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	Yes	Yes	Yes	No/Yes	Yes	Opt.
27. ANSI x 3.64 Standard	Yes	Yes	Yes	N/A	Yes	Yes
28. Layout	TYP	TYP	TYP, IBM	TYP	TYP	TYP
29. No. of Keys	149	155 max.	75, 87	83	135	128
30. Numeric Cluster Pad	15	15	10	10	14	13
31. Cursor-Control Keys	Yes	Yes	Yes	Yes	4	4
32. Detachable Keyboard	Yes	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	K=30, P=21	P=32	P=12	PF 24	A=10, K=8, P=30	A=4, K=4, P=4
34. Shift Rev. / Alpha Lock	Yes	Yes	Yes	Yes	Yes	Yes
35. Charac. Repeat	A	A	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	No	Yes	Yes	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	Yes	Yes	Yes
39. Clear	S, EL, ES, UP	S, EL, ES, UP	Yes	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	Yes	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes	Yes	Yes
42. Tab to Unprotect. Flds.	F, B	F, B	F, B, A	F, B	F, B, A	F, B, A
43. Tabbing	80 or 133	1,024	24, 32	Yes	N/A	N/A
44. Key Rollover	N	N	3	Yes	N/A	N/A
45. Ext. RS 232 / On-Off Control	Yes	Yes	No	No	Yes	Yes
46. Buff. Printer Interface	Yes	Yes	No	No	Yes	Yes
47. 20 mA Current Lp. / RS 422	No/Yes	No	No	No	Yes	Yes
48. Trans. Rate / Baud	50/19,200	75/38,400	N/A	N/A	75/19.2k	75/19.2k
49. Charac. Transfer, TTY Mode	Yes	Yes	No	N/A	TTY	TTY
50. Block Transfer	L, P, MSG, UN	L, P, MSG, UN	No	N/A	L, P, MSG, UN	L, P, MSG, UN
51. Cpu Control of Block / Charac.	N/A	N/A	Yes	N/A	Yes	Yes
52. Selectable Parity	Yes	Yes	No	N/A	Yes	Yes
53. Polling / Addressing	I, U	No	I	I	0	0
54. Emulations	Yes	Yes	Yes	N/A	Yes	Yes
55. X-on / X-off on MP / PP	Yes	Yes	No	N/A	Yes	Yes
56. Built-in Modem	No	No	No	No	No	No
57. Data Compression	Yes	Yes	No	No	No	No
58. Self Test	Yes	Yes	Yes	Yes	Yes	Yes
59. Status Indicators	8	12	2	4	5	5
60. Local Mode	Yes	Yes	No	Yes	Yes	Yes
61. Audible Alarm	Yes	Yes	Yes	Yes	Yes	Yes
62. Composite Video Output	No	Yes	No	Yes	No	Yes
63. Screen Tilt / Swivel	Yes	Yes	Yes/No	Yes/No	Yes	Yes
64. Maximum Power	95	70	230	N/A	75	35

Manufacturer Model number	Northern Telecom Display Phone 1000	Perkin-Elmer 6100	Perkin-Elmer 6300	Phaze Information Machines P3278	Phaze Information Machines Gemini 3270	Plessey PT-100B
1. No. of Display Charac.	160	1,920	1,920	1,920	1,920	1,920 or 3,168
2. Displayable Charac. Set	U, LWD	UL, LWD	Not Avail.	UL	UL	UL, LWD
3. Display Format	80x24	24x80	24x80	80x24	80x24	80/132x24
4. Charac. Format	5x7	7x40	7x11	DW/H, 9x15	DW/H, Bus. Comp. 9x14; P3278, 9x15	7x9, DW/H
5. Rev. Video-Screen Format	No	Yes	Yes	Yes	Yes	Yes
6. Dual Intensity	No	Yes	Yes	Yes	Yes	Yes
7. Protected Format	Yes	Yes	Yes	Yes	Yes	No
8. Rev. Video Fields	Yes	Yes	Yes	Yes	Yes	Yes
9. Blinking	Yes	Yes	Yes	Yes	Yes	Yes
10. Charac. Underlining	Yes	No	No	Yes	Yes	Yes
11. Cursor Style	UL, BL	B, BL	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	Yes	Yes	Yes	No	No	Yes
14. Full Vector Graphics	No	No	No	No	No	No
15. Status Line	Yes	Yes	Yes	Yes	Yes	Yes
16. Security Blank Field	No	Yes	Yes	Yes	Yes	Yes
17. Display of Control Charac. / Prog. Mode	No	Yes	Yes	Yes	Yes	Yes
18. Paging	Yes	No	No	No	No	1
19. Split-screen Format	No	No	No	No	Yes	Yes
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	WH	GR, AM	GR, AM	GR	GR	GR, WH, AM
22. Size of Screen	7	12	15	12	12	12
23. Sm. Vert. Scroll / Horiz. Scroll	Yes/No	No	No	Yes	Yes	Yes
24. Bright Controls / Cont.	Yes	Yes	Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	No	No/Yes	No/Yes	Yes	Yes	Opt.
27. ANSI x 3.64 Standard	Yes	Yes	Yes	Yes	Yes	Yes
28. Layout	TYP	TTY	TTY	TYP, IBM, O	TYP, IBM, O	TYP
29. No. of Keys	55	84	106	87	87	85
30. Numeric Cluster Pad	12	14	18	12	12	18
31. Cursor-Control Keys	Yes	Yes	Yes	Yes	Yes	Yes
32. Detachable Keyboard	No	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	P	A, P=4/8	A 16/32, P=16/32	A=34, K=87	A=30, K=87	A=22, K=22
34. Shift Rev. / Alpha Lock	Yes/No	No/Yes	No/Yes	Yes	Yes	Yes
35. Charac. Repeat	A	K, A	K, A	A	A	K, A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	Yes	256	Yes
39. Clear	EL, ES	S, EL, ES	S, EL, ES, UP	Yes	Yes	S, EL, ES
40. Insert / Delete Charac.	No	No	Yes	Yes	Yes	Yes
41. Insert / Delete Line	No	No	Yes	No	Yes	Yes
42. Tab to Unprotect. Flds.	No	No	F, B	Yes	Yes	F, B, A
43. Tabbing	No	No	Yes	Yes	Yes	Unltd.
44. Key Rollover	2	3	Yes	16	16	3
45. Ext. RS 232 / On-Off Control	Yes	Yes	Yes	Yes	Yes	Yes
46. Buff. Printer Interface	No	No	Yes	No	No	Yes
47. 20 mA Current Lp. / RS 422	No	Yes	Yes/No	No	No	Opt./No
48. Trans. Rate / Baud	300/1,200	300/19,200	110/9,600	Defined by IBM 3270 Network	Defined by IBM 3270 Network	50/19,200
49. Charac. Transfer, TTY Mode	Yes	Yes	Yes	N/A	N/A	No
50. Block Transfer	No	No	L, P, MSG, UN	L, P, MSG, UN	L, P, MSG, UN	No
51. Cpu Control of Block / Charac.	No	No	Yes	No	Yes	No
52. Selectable Parity	Yes	Yes	Yes	No	Yes	Yes
53. Polling / Addressing	No	No	Yes	No	No	No
54. Emulations	Yes	No	No	Yes	Yes	Yes
55. X-on / X-off on MP / PP	No	Busy	Yes	No	Yes	Yes
56. Built-in Modem	Yes	No	No	No	No	No
57. Data Compression	No	No	No	No	Yes	No
58. Self Test	Yes	Yes	Yes	Yes	Yes	Yes
59. Status Indicators	No	Yes	Yes	Yes	Yes	7
60. Local Mode	Yes	Yes	Yes	N/A	Yes	Yes
61. Audible Alarm	Yes	Yes	Yes	Yes	Yes	Yes
62. Composite Video Output	Yes	No	No	No	No	Yes
63. Screen Tilt / Swivel	No	Yes	Yes	Yes	Yes	No
64. Maximum Power	110	70	175	90	90	50

Manufacturer Model number	Qume QVT-108	Qume QVT-103	Raytheon Data Syst. R4078	Raytheon Data Syst. F8350	Racal Milgo 8015*	Racal Milgo 8220*
1. No. of Display Charac.	1,920	1,920, 3,168	3,564	2,320	1,920	1,920
2. Displayable Charac. Set	UL, LWD	UL, LWD	UL	UL	U, UL, LWD	U, UL, LWD
3. Display Format	24x80	24x80/132	132x27	80x29	80x24	80x24
4. Charac. Format	7x9 in 9x12 cell	7x9 in 10x12 cell, DW/H	7x8	9x12	7x9	7x9
5. Rev. Video-Screen Format	Yes	Yes	Yes	Yes	Yes	Yes
6. Dual Intensity	Yes	Yes	Yes	Yes	Yes	Yes
7. Protected Format	Yes	Yes	Yes	Yes	Yes	Yes
8. Rev. Video Fields	Yes	Yes	Yes	Yes	Yes	Yes
9. Blinking	Yes	Yes	Yes	Yes	Yes	Yes
10. Charac. Underlining	No	Yes	Yes	Yes	Yes	Yes
11. Cursor Style	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL	B	B
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	15	15	No	Yes	No	No
14. Full Vector Graphics	No	No	N/A	N/A	No	No
15. Status Line	Yes	Yes	Yes	Yes	Yes	Yes
16. Security Blank Field	Yes	Yes	Yes	Yes	Yes	Yes
17. Display of Control Charac. / Prog. Mode	No	No	N/A	N/A	Yes	No
18. Paging	2	2/4	No	Yes	1	1
19. Split-screen Format	No	Yes	Yes	Yes	Yes	Yes
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	GR, AM	GR, AM	GR	GR	GR	GR
22. Size of Screen	14	14	15	12	15	15
23. Sm. Vert. Scroll / Horiz. Scroll	No	Yes	Yes	Yes	Yes	Yes
24. Bright Controls / Cont.	Yes	Yes	Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	N/A	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	Yes	Yes	Yes	N/A	No	No
27. ANSI x 3.64 Standard	No	Yes	Yes	Yes	Yes	Yes
28. Layout	TYP	TYP	TYP, TTY, IBM, O	TYP, TTY, IBM, O	TYP	TYP
29. No. of Keys	103	103	87 or 108	92	113	113
30. Numeric Cluster Pad	14	14	10	10	15	15
31. Cursor-Control Keys	4	4	Yes	Yes	Yes	Yes
32. Detachable Keyboard	Yes	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	11 (22 user progr. functs.)	12 user progr. functs.	P=24	P=10	P=6	K=22
34. Shift Rev. / Alpha Lock	Yes	Yes	Yes	Yes	Yes	Yes
35. Charac. Repeat	A	Yes	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	96+32	96+32	Yes	Yes	Yes	Yes
39. Clear	S, EL, ES, UP	S, EL, ES, UP	N/A	N/A	S, EL, ES, UP	S, UP
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	Yes	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes	Yes	Yes
42. Tab to Unprotect. Flds.	F, B, A	F, B, A	F, B, A	F, B, A	F, B, A	F, B, A
43. Tabbing	9	9	Programmable	Programmable	Unltd.	Unltd.
44. Key Rollover	3	3	N	N	8	24, 48
45. Ext. RS 232 / On-Off Control	Yes	Yes	No	No	Yes	Yes
46. Buff. Printer Interface	Yes	Yes	No	No	Yes	Yes
47. 20 mA Current Lp. / RS 422	Yes/No	Yes/No	No	No	No	No
48. Trans. Rate / Baud	50/19.2k	50/19.2K	9,600/19,200	9,600/19,200	110/9,600	110/9,600
49. Charac. Transfer, TTY Mode	9,600 Baud	9,600 Baud	N/A	N/A	Yes	Yes
50. Block Transfer	L, P	L, P	L, P, UN	L, P, UN	L, P, MSG, UN	L, P, MSG, UN
51. Cpu Control of Block / Charac.	Yes	Yes	Yes	Yes	Yes	Yes
52. Selectable Parity	Yes	Yes	Yes	No	Yes	Yes
53. Polling / Addressing	0	0	IBM	IBM	0	U
54. Emulations	Yes	Yes	Yes	Yes	Yes	Yes
55. X-on / X-off on MP / PP	Yes	Yes	N/A	N/A	Yes/No	No
56. Built-in Modem	No	No	No	No	No	No
57. Data Compression	No	Yes	Yes	Yes	No	No
58. Self Test	Yes	Yes	Yes	Yes	Yes	Yes
59. Status Indicators	34 Fields 5 Lines	64 Fields 10 Lines	Yes	Yes	1	1
60. Local Mode	Yes	Yes	Yes	No	Yes	No
61. Audible Alarm	Yes	Yes	No	No	Yes	Yes
62. Composite Video Output	No	No	Yes	Yes	No	No
63. Screen Tilt / Swivel	Yes	Yes	Yes	Yes	Yes	Yes
64. Maximum Power	30	30	120	120	65	65

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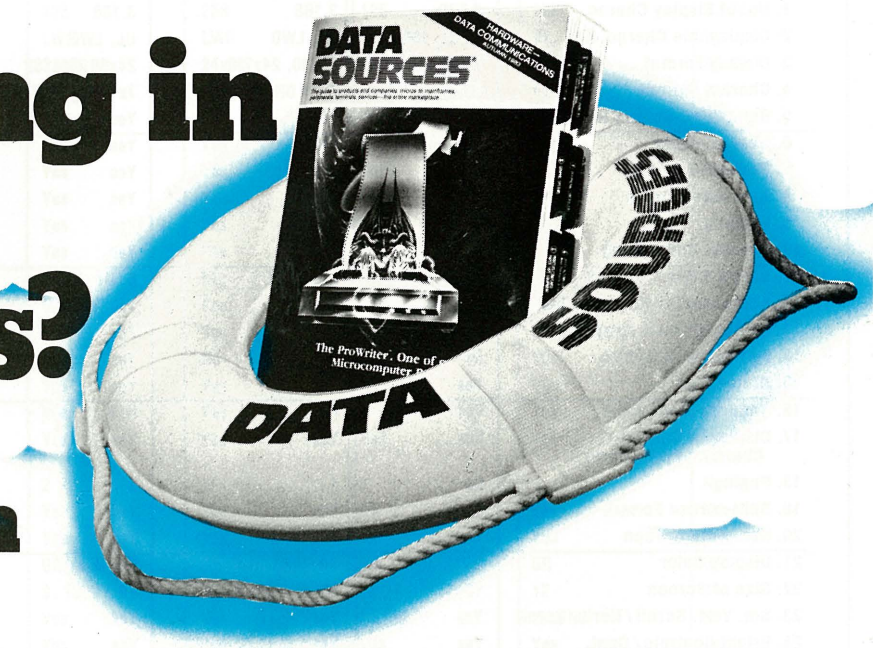

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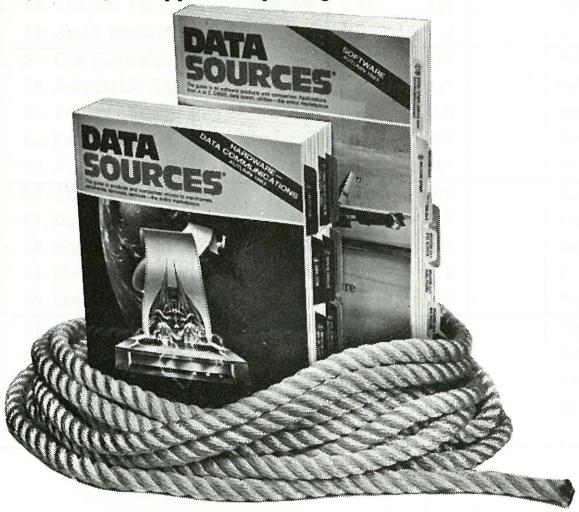

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Manufacturer / Model number	Soroc C 530	TAB Products 132/15	TAB Products 132/15G	Tandberg Data TDV 2220 S	Tandberg Data TDV 2237 S	TEC ET 80B
1. No. of Display Charac.	2,000	3,168	3,168	1,024	1,024	1,920
2. Displayable Charac. Set	U, UL, LWD	UL, LWD	UL, LWD	U, LWD	UL, LWD	UL, LWD
3. Display Format	80x25	24x80, 24x132	24x80, 24x132	80x25	80x24	24x80
4. Charac. Format	8x10	7x11 DH, DW, DW/H	7x11 DW, DW/H	9x14	9x14	7x11 DW/DH, OW/H
5. Rev. Video-Screen Format	Yes	Yes	Yes	Yes	Yes	Yes
6. Dual Intensity	Yes	Yes	Yes	Yes	Yes	Yes
7. Protected Format	Yes	Yes	Yes	Yes	Yes	Yes
8. Rev. Video Fields	Yes	Yes	Yes	Yes	Yes	Yes
9. Blinking	Yes	Yes	Yes	Yes	Yes	Yes
10. Charac. Underlining	Yes	Yes	Yes	Yes	Yes	Yes
11. Cursor Style	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	Yes	Yes	Yes	Yes	Yes	Yes
14. Full Vector Graphics	No	Opt.	Yes	Opt.	Opt.	No
15. Status Line	Yes	Yes	Yes	Yes	Yes	Yes
16. Security Blank Field	Yes	No	N/A	Yes	Yes	Yes
17. Display of Control Charac. / Prog. Mode	Yes	Yes	Yes	Yes	Yes	Yes
18. Paging	No	4	4	8	2	5
19. Split-screen Format	No	Yes	Yes	No	Yes	Yes
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	GR	GR, WH	GR, WH	GR, WH	GR, WH	0
22. Size of Screen	12	15	15	15	15	15
23. Sm. Vert. Scroll / Horiz. Scroll	Yes	Yes	Yes	Yes/No	Yes/No	Yes/No
24. Bright Controls / Cont.	Yes	Yes	Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	Yes	No/Yes	Yes	No/Yes	No/Yes	No/Yes
27. ANSI x 3.64 Standard	Yes	Yes	Yes	Yes	No	Yes
28. Layout	IBM	TYP	TYP	TYP	TYP	TYP
29. No. of Keys	77	92	92	111	108	123
30. Numeric Cluster Pad	14	14	14	14	14	22
31. Cursor-Control Keys	Yes	Yes	Yes	Yes	Yes	Yes
32. Detachable Keyboard	Yes	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	N/A	8=GP, 18=A, 22=PF	8=GP, 18=A, 22=PF	P=16, K=23	P=16, K=30	P=16
34. Shift Rev. / Alpha Lock	Yes	Yes	Yes	Yes	Yes	No/Yes
35. Charac. Repeat	A	A	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	Yes	Yes	Yes
39. Clear	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES	S, EL, ES, UP
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	Yes	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes	Yes	Yes
42. Tab to Unprotect. Flds.	F, B, A	F, B, A	F, B, A	F, B, A	F, B, A	F, B, A
43. Tabbing	80	132 Max.	132 Max.	80 Max.	80 Max.	80/132
44. Key Rollover	4	N Key	N Key	N	N	N
45. Ext. RS 232 / On-Off Control	Yes	Yes	Yes	Yes	Yes	Yes
46. Buff. Printer Interface	Yes	Opt.	Opt.	Yes	Yes	Yes
47. 20 mA Current Lp. / RS 422	Yes/Yes	Opt./No	Opt./No	Yes	Yes	Opt./No
48. Trans. Rate / Baud	45.5/38,400	50/19	50/19,200	50/19,200	50/19,200	50/19,200
49. Charac. Transfer, TTY Mode	Yes	TTY	TTY	Yes	No	Yes
50. Block Transfer	L, P, MSG, UN	L, P, UN	L, P, UN	L, P, MSG, UN	L, P	L, P, UN
51. Cpu Control of Block / Charac.	Yes	FF	FF	Yes	Yes	Yes
52. Selectable Parity	Yes	Yes	Yes	Yes	Yes	Yes
53. Polling / Addressing	N/A	N/A	N/A	N/A	N/A	No
54. Emulations	Yes	Yes	Yes	Yes	Yes	Yes
55. X-on / X-off on MP / PP	Yes	Yes	Yes	Yes	Yes	Yes
56. Built-in Modem	Opt.	Opt.	Opt.	Opt.	Opt.	No
57. Data Compression	No	Yes	Yes	Yes	Yes	No
58. Self Test	No	Yes	Yes	Yes	Yes	Yes
59. Status Indicators	Yes	Yes	Yes	9	Yes	4
60. Local Mode	Yes	Yes	Yes	Yes	Yes	Yes
61. Audible Alarm	Yes	Yes	Yes	Yes	Yes	Yes
62. Composite Video Output	Opt.	Opt.	Opt.	Yes	Yes	No
63. Screen Tilt / Swivel	No	Yes/No	Yes/No	Yes	Yes	Yes
64. Maximum Power	120	90	100	50	50	65

Manufacturer Model number	TEC ET 100B	Teleray 7 Series	Teleray 16 Series	Televideo 925	Televideo 924	Telex 278*
1. No. of Display Charac.	1,920	256	256	128	128	1,920
2. Displayable Charac. Set	UL, LWD	LWD	LWD	UL, LWD	UL, LWD	UL
3. Display Format	24x80	24x80	24x80	24x80	80x24	80x24
4. Charac. Format	7x11 DW/DH, DW/H	8x10	8x10	7x8	7x8	9x14
5. Rev. Video-Screen Format	Yes	Yes	Yes	Yes	Yes	No
6. Dual Intensity	Yes	Yes	Yes	Yes	Yes	Yes
7. Protected Format	Yes	Yes	Yes	Yes	Yes	Yes
8. Rev. Video Fields	Yes	Yes	Yes	Yes	Yes	No
9. Blinking	Yes	Yes	Yes	Yes	Yes	No
10. Charac. Underlining	Yes	Yes	Yes	Yes	Yes	No
11. Cursor Style	B, UL, BL	BL	BL	B, UL, BL	B, UL, BL	B
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	Yes	Yes	Yes	No	64	No
14. Full Vector Graphics	No	No	No	No	Opt.	No
15. Status Line	Yes	Yes	Yes	Yes	Yes	Yes
16. Security Blank Field	Yes	Yes	Yes	Yes	Yes	Yes
17. Display of Control Charac. / Prog. Mode	Yes	Yes	Yes	Yes	Yes	No
18. Paging	3	2	4	1	1	No
19. Split-screen Format	Yes	Yes	Yes	No	Yes	Yes
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	0	GR, WH, AM	GR, WH, AM	GR	GR	GR
22. Size of Screen	15	9, 12, 15	9, 12, 15	12	12	14
23. Sm. Vert. Scroll / Horiz. Scroll	Yes/No	Yes	Yes	No/No	Yes/No	No
24. Bright Controls / Cont.	Yes	Yes	Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	No/Yes	No/Opt.	Opt.	No/Yes	No/Yes	Yes
27. ANSI x 3.64 Standard	Yes	Yes	Yes	No	No	No
28. Layout	TYP	TYP	TYP	TYP	TYP	TYP
29. No. of Keys	123	93	93	101	111	N/A
30. Numeric Cluster Pad	21	18	18	14	17	11
31. Cursor-Control Keys	Yes	Yes	Yes	Yes	Yes	Yes
32. Detachable Keyboard	Yes	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	P=16	A=64, P=10	A=64, P=10	A=1, K=11/22	A=1, P=16/32	N/A
34. Shift Rev. / Alpha Lock	No/Yes	Yes	Yes	Yes	Yes	Yes
35. Charac. Repeat	A	A	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	Yes	Yes	Yes
39. Clear	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes/Yes	Yes/Yes	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes/Yes	Yes/Yes	Yes
42. Tab to Unprotect. Flds.	F, B, A	F, B, A	F, B, A	F, B, A	F, B, A	F, B, A
43. Tabbing	80/132	255 Max.	255 Max.	Typewriter & Field	Typewriter, Field	Programmable
44. Key Rollover	N	N Key	N Key	2	2	N/A
45. Ext. RS 232 / On-Off Control	Yes	Yes	Yes	Yes/Yes	Yes/Yes	No
46. Buff. Printer Interface	Yes	Yes	Yes	No	Yes	No
47. 20 mA Current Lp. / RS 422	Opt./No	Opt.	Opt.	Opt./No	Opt./Opt.	No
48. Trans. Rate / Baud	50/19,200	50/19,200	50/19,200	50/19,200	150b/19,200	N/A
49. Charac. Transfer, TTY Mode	Yes	Yes	Yes	Yes	Yes	N/A
50. Block Transfer	L, P, UN	L, P, MSG, UN	L, P, MSG, UN	P, MSG, UP	P, MSG, UN	N/A
51. Cpu Control of Block / Charac.	Yes	Yes	Yes	Yes/Yes	Yes	Yes
52. Selectable Parity	Yes	Yes	Yes	Yes	Yes	No
53. Polling / Addressing	No	No	No	No	No	No
54. Emulations	Yes	Yes	No	Yes	No	Yes
55. X-on / X-off on MP / PP	Yes	Yes	Yes	Yes/Yes	Yes/Yes	No
56. Built-in Modem	No	No	No	No	No	No
57. Data Compression	No	Yes	Yes	Yes	Yes	No
58. Self Test	Yes	Yes	Yes	Yes	Yes	Yes
59. Status Indicators	4	7	7	Yes	Yes	N/A
60. Local Mode	Yes	Yes	Yes	Yes	Yes	N/A
61. Audible Alarm	Yes	Yes	Yes	Yes	Yes	Yes
62. Composite Video Output	No	Opt.	Opt.	Yes	Yes	No
63. Screen Tilt / Swivel	Yes/Yes	Opt.	Opt.	Yes/No	Yes/Yes	Yes/No
64. Maximum Power	65	35	40	55	N/A	N/A

Manufacturer Model number	Telex 279*	Thomas Engineering TE-780xV	Thomas Engineering TE-780xA and S	Visual Tech. V102	Visual Tech. V300	Wicat T7000
1. No. of Display Charac.	1,920	2,000	2,000	1,920, 3,168	1,920	1,920
2. Displayable Charac. Set	UL	LWD	LWD	UL	UL, LWD	LCD
3. Display Format	80x24	80x25	80x25	24x80/132	80x24	80x24
4. Charac. Format	9x14	9x12	9x12	7x11	7x11	7x9
5. Rev. Video-Screen Format	No	Yes	Yes	Yes	Yes	Yes
6. Dual Intensity	Yes	Yes	Yes	Yes	Yes	Yes
7. Protected Format	Yes	Yes	Yes	No	Yes	Yes
8. Rev. Video Fields	No	Yes	Yes	Yes	Yes	Yes
9. Blinking	No	Yes	Yes	Yes	Yes	Yes
10. Charac. Underlining	No	Yes	Yes	Yes	Yes	Yes
11. Cursor Style	B	B, BBL, UL, ULBL	B, BBL, UL, ULBL	B, UL, BL	B, UL, BL	B, UL, BL
12. Addressable / Readable Cursor	Yes	Yes	Yes	Yes	Yes	Yes/No
13. LD Set, Charac. Graphics	No	Yes	Yes	Yes	Yes	Yes
14. Full Vector Graphics	No	No	No	Opt.	No	No
15. Status Line	Yes	Yes	Yes	Yes	Yes	Yes
16. Security Blank Field	Yes	Yes	Yes	Yes	Yes	Yes
17. Display of Control Charac. / Prog. Mode	No	Yes	Yes	Yes	Yes	No
18. Paging	No	No	No	1	8	2
19. Split-screen Format	Yes	No	No	Yes	Yes	Yes
20. Non-glare Screen	Yes	Yes	Yes	Yes	Yes	No
21. Display Color	GR, O	GR	GR	GR	GR, WH	GR
22. Size of Screen	14	14	14	14	1	12
23. Sm. Vert. Scroll / Horiz. Scroll	No	Yes	No	Yes	Yes	No
24. Bright Controls / Cont.	Yes	Yes	Yes	Yes	Yes	Yes
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	Yes	Opt.	No	No/Yes	No/Yes	Opt.
27. ANSI x 3.64 Standard	No	Yes	No	Yes	Yes	Yes
28. Layout	TYP	0	0	TYP	TYP	0 (VT100)
29. No. of Keys	N/A	95	95	93	95	62
30. Numeric Cluster Pad	11	14	14	18	14	18
31. Cursor-Control Keys	Yes	Yes	Yes	Yes	Yes	Yes
32. Detachable Keyboard	Yes	Yes	Yes	Yes	Yes	Yes
33. General Function Keys	N/A	A=12, P=12, K=12	A=12, P=12; K=12	A=18, P=8	P=12	K=4
34. Shift Rev. / Alpha Lock	Yes	Yes	Yes	Yes	Yes	No/Yes
35. Charac. Repeat	A	A	A	A	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	Yes	Yes	Yes
39. Clear	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES, UP	S, EL, ES	S, EL, ES, UP	N/A
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	Yes	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes	Yes	Yes
42. Tab to Unprotect. Flds.	F, B, A	F, B, A	F, B, A	F	F, B, A	F
43. Tabbing	Programmable	80	80	80	80	80
44. Key Rollover	N/A	N	N	N Key	N Key	2
45. Ext. RS 232 / On-Off Control	No	Yes	Yes	Yes	Not Avail.	Yes
46. Buff. Printer Interface	No	Yes	Yes	Yes	Opt.	Yes
47. 20 mA Current Lp. / RS 422	No	Yes/No	No/Yes	No	Yes	Yes/No
48. Trans. Rate / Baud	N/A	50/19,200	50/19,200	50/19,200	50/19,200	50/19,200
49. Charac. Transfer, TTY Mode	N/A	Yes	Yes	Yes	Yes	Yes
50. Block Transfer	N/A	L, P, MSG, UN	L, P, MSG, UN	L, P	L, P, UN	P
51. Cpu Control of Block / Charac.	Yes	Yes	Yes	Yes	Yes	No
52. Selectable Parity	No	Yes	Yes	Yes	Yes	Yes
53. Polling / Addressing	No	No	No	N/A	N/A	No
54. Emulations	Yes	Yes	Yes	Yes	Yes	Yes
55. X-on / X-off on MP / PP	No	No	No	Yes	Yes	No
56. Built-in Modem	No	No	No	No	No	No
57. Data Compression	No	Yes	Yes	N/A	N/A	No
58. Self Test	Yes	Yes	Yes	Yes	Yes	No
59. Status Indicators	N/A	N/A	N/A	8	N/A	26
60. Local Mode	N/A	Yes	Yes	Yes	Yes	Yes
61. Audible Alarm	Yes	Yes	Yes	Yes	Yes	Yes
62. Composite Video Output	No	No	No	Yes	No	No
63. Screen Tilt / Swivel	Yes/No	Yes	Yes	Yes	Yes	Yes
64. Maximum Power	N/A	1	1	100	100	30

Manufacturer Model number	Wicat MG8000	Wyse Tech. WY 50	Wyse Tech. WY 75	Zenith Z-19	Zenith Z-29	Zentec 1021/1021A	Zentec 1051
1. No. of Display Charac.	1,920	128	128	80	80	128	128
2. Displayable Charac. Set	LCD	U, UL, LWD	U, UL, LWD	UL, LWD	UL, LWD	LWD	LWD
3. Display Format	80x24	80/132x26	80/132x26	80x25	80x25	80x25	80/132x25
4. Charac. Format	7x9	10x13	10x13	8x10	8x10	7x9, 10x12	7x9, 5x9 DW/H
5. Rev. Video-Screen Format	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6. Dual Intensity	Yes	Yes	Yes	No	No	Yes	Yes
7. Protected Format	Yes	Yes	No	No	Yes	Yes	Yes
8. Rev. Video Fields	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9. Blinking	Yes	Yes	Yes	Yes	Yes	Yes	Yes
10. Charac. Underlining	Yes	Yes	Yes	No	Yes	Yes	Yes
11. Cursor Style	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL	B, UL, BL
12. Addressable / Readable Cursor	Yes/No	Yes	Yes	Yes	Yes	Yes	Yes
13. LD Set, Charac. Graphics	Yes	Yes	Yes	Yes	Yes	32	256
14. Full Vector Graphics	No	No	No	No	No	No	No
15. Status Line	Yes	Yes	Yes	Yes	Yes	Yes	Yes
16. Security Blank Field	Yes	Yes	No	No	No	No	Yes
17. Display of Control Charac. / Prog. Mode	No	Yes	Yes	Yes	Yes	Yes	Yes
18. Paging	No	1	1	No	No	1	4
19. Split-screen Format	Yes	Yes	Yes	No	Yes	No	Yes
20. Non-glare Screen	No	Yes	Yes	Yes	Yes	Yes	Yes
21. Display Color	GR	GR	GR	GR, WH	GR, WH	GR	GR, AM
22. Size of Screen	12	14	14	12	12	12	12
23. Sm. Vert. Scroll / Horiz. Scroll	No	Yes/No	Yes/No	No	No	No	Yes
24. Bright Controls / Cont.	Yes	No/Yes	No/Yes	Yes	Yes	No	No
25. Cursor Wraparound / Scrolling	Yes	Yes	Yes	Yes	Yes	Yes	Yes
26. APL / Foreign Charac. Sets	Opt.	No	No	No/Yes	No	No	Downloadable
27. ANSI x 3.64 Standard	Yes	No	Yes	Yes	Yes	1021A	Yes
28. Layout	0 (VT100)	TYP	TYP	TYP	TYP	TYP	TYP
29. No. of Keys	62	101	101	72	91	91	103
30. Numeric Cluster Pad	18	14	14	14	14	18	26
31. Cursor-Control Keys	Yes	Yes	Yes	Yes	Yes	Yes	Yes
32. Detachable Keyboard	Yes	Yes	Yes	No	Yes	Yes	Yes
33. General Function Keys	K=4	P=16	P=16	A=8	A	P=4	P=16
34. Shift Rev. / Alpha Lock	No/Yes	Yes	Yes	Yes	Yes	Yes	Yes
35. Charac. Repeat	A	A	A	K	K	A	A
36. Escape Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes	Yes
37. Break Key or Equiv.	Yes	Yes	Yes	Yes	Yes	Yes	Yes
38. Gen. 128 ASCII Charac.	Yes	Yes	Yes	No	Yes	Yes	Yes
39. Clear	N/A	S, EL, ES	S, EL, ES, UP	S, EL, ES	S, EL, ES	S, EL, ES	S, EL, ES, UP
40. Insert / Delete Charac.	Yes	Yes	Yes	Yes	Yes	Yes	Yes
41. Insert / Delete Line	Yes	Yes	Yes	Yes	Yes	Yes	Yes
42. Tab to Unprotect. Flds.	F	F, B	No	F, B	F, B	F, B	F, B
43. Tabbing	80	18	No	8	8	10	10
44. Key Rollover	2	N Key	N Key	N/A	N/A	3	N Key
45. Ext. RS 232 / On-Off Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes
46. Buff. Printer Interface	Yes	Yes	Yes	Yes	Yes	No	No
47. 20 mA Current Lp. / RS 422	Yes/No	No	No	No	No	Yes/No	No/Yes
48. Trans. Rate / Baud	50/19,200	110/38,400	110/38,400	75/19,200	110/9,600	50/19,200	110/19,200
49. Charac. Transfer, TTY Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes
50. Block Transfer	P	L, P, MSG, UN	No	L, P, UN	L, P	L, P	L, P
51. Cpu Control of Block / Charac.	No	No	No	Yes	Yes	Yes	Yes
52. Selectable Parity	Yes	Yes	Yes	Yes	Yes	Yes	Yes
53. Polling / Addressing	No	No	No	No	No	No	No
54. Emulations	Yes	Yes	Yes	Yes	Yes	Yes	Yes
55. X-on / X-off on MP / PP	No	Yes/No	Yes/No	Yes/No	Yes	Yes	Yes
56. Built-in Modem	No	No	No	No	No	No	No
57. Data Compression	No	No	No	No	No	No	No
58. Self Test	No	Yes	Yes	Yes	Yes	Yes	Yes
59. Status Indicators	26	4	4	4	No	7	10
60. Local Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes
61. Audible Alarm	Yes	Yes	Yes	Yes	Yes	Yes	Yes
62. Composite Video Output	No	No	No	No	No	No	No
63. Screen Tilt / Swivel	Yes	Yes	Yes	Yes	Yes	Yes	Yes
64. Maximum Power	50	50	50	45	45	35	35

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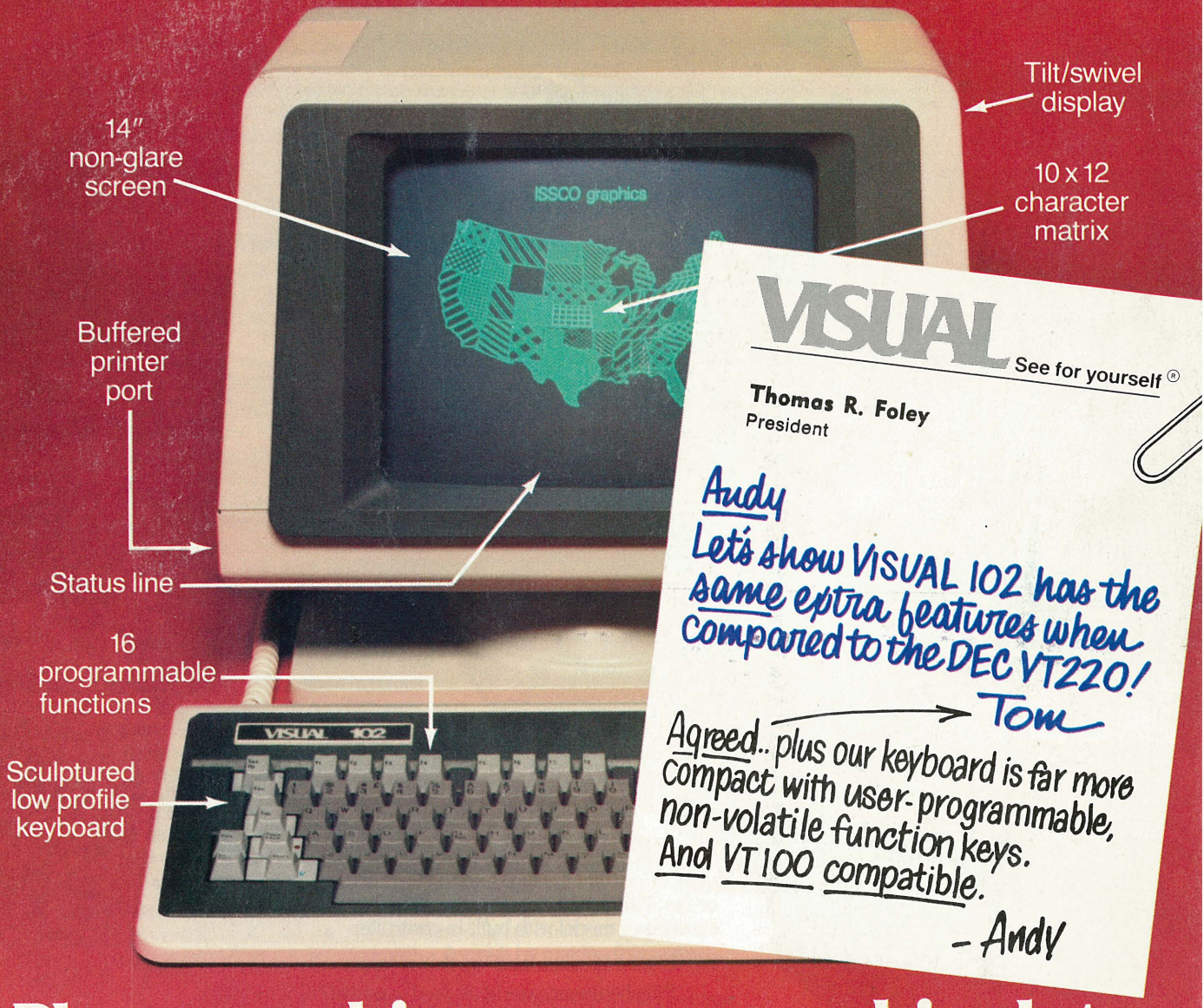

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